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Air Quality Data for 1968, from the National Air Surveillance Networks and Contributing State and Local Networks

Environmental Protection Agency

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AIR QUALITY DATA FOR 1968

from the National Air Surveillance Networks
and
Contributing State and Local Networks

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Division of Atmospheric Surveillance

ENVIRONMENTAL PROTECTION AGENCY
Office of Air Programs
Research Triangle Park, North Carolina
August 1972

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PREFACE

The Division of Atmospheric Surveillance (DAS) of the Environmental Protection Agency (EPA) with the assistance and cooperation of state and local agencies carries on a variety of air sampling activities to obtain information about the air quality in the United States. This report presents particulate and gaseous pollutant data gathered during 1968 at cooperating stations of the various National Air Surveillance Networks. Similar data from independent state and local sampling networks that have contributed their results to the National Aerometric Data Bank, operated by DAS, are also summarized in this report.
Please note, however, that data on metal components of particulate matter are for 1966 and 1967.

ACKNOWLEDGMENTS

The data reported in this publication could not have been gathered without the generous cooperation of the many state and local air pollution control agencies in the operation of the NASN sampling stations. The Division of Atmospheric Surveillance offers sincere thanks to these organizations and to their employees.

Gratitude is also due the agencies that have contributed their own data to the Division's aerometric data bank for use in this and other reports and studies. Their efforts make possible a greatly increased national knowledge of air quality.

Contributing agencies are listed below:

California

- California Air Resources Board
- Fresno County Public Health Department
- Kern County Air Pollution Control Department
- Monterey-Santa Cruz Unified Air Pollution Control District
- Orange County Air Pollution Control District
- Shasta County Health Department

Colorado

- Boulder County Health Department
- Colorado State Health Department
- Denver Building Department, Department of Public Health
- El Paso County Health Department
- Jefferson County Health Department
- Larimer County Health Department
- Las Animas-Huerfano District Health Department
- Northeast Colorado Health Department
- Pueblo Health Department
- Tri-County Health Department
- Weld County Health Department

Connecticut

- Connecticut State Department of Health
- New Britain City Health Department

Florida
  - Dade County Health Department
  - Florida State Board of Health

Georgia
  - Georgia Department of Public Health

Illinois
  - Cook County Air Pollution Control Bureau

New York
  - Elmira City Maintenance Department
  - Erie County Health Department
  - Monroe County Health Department
  - New York City Department of Air Pollution Control
  - Schenectady City Health Department
  - State of New York Department of Health
  - Utica City Health Department

North Dakota
  - Fargo City Health Department
  - North Dakota State Department of Health

Ohio
  - Canton City Health Department, Air Pollution Control Division
  - City of Steubenville Air Pollution Bureau
  - Lorain City Department of Public Service
  - Ohio Department of Health

Texas
  - Austin City-County Health Department
  - Lubbock City-County Health Department
  - Texas State Department of Health

Washington
  - Clark County Air Pollution Control Authority
  - Kitsap County Air Pollution Control Authority
  - Puget Sound Air Pollution Control Agency
  - Snohomish County Health Department
  - Spokane County Air Pollution Control Authority
  - Washington State Department of Health

Special recognition should also be given to the following agencies that participate in the Continuous Air Monitoring Projects.

City of Chicago, Department of Air Pollution Control

City of Cincinnati, Division of Air Pollution Control

City of Denver, Building Department, Department of Public Health

City of Philadelphia, Division of Air Pollution Control and Environmental Sanitation

City of St. Louis, Division of Air Pollution Control, Department of Public Safety

District of Columbia, Department of Public Health

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ABSTRACT

Particulate- and gaseous-pollutant data gathered during 1968 by the cooperating stations of the various National Air Surveillance Networks provide information about air quality in the United States. Data from independent state and local sampling networks that have contributed their results to the National Aerometric Data Bank operated by the Division of Atmospheric Surveillance, Environmental Protection Agency, are included.

Data are presented on suspended particulate pollutants, including data on benzene-soluble organic fractions and on metallic and nonmetallic inorganic constituents; on soiling index; and on gaseous pollutants. Data are given separately for urban and nonurban sites.

Annual arithmetic or geometric means of 24-hour average concentrations measured by the Hi-Vol Network and the Gas Sampling Network are presented. The minimum detectable concentrations for each of the 16 metals and 4 nonmetallic inorganic ions are listed. The distribution by population of 1968 annual averages for total particulate, nitrogen dioxide, and sulfur dioxide are presented; gaseous pollutant data for the six Continuous Air Monitoring Projects for the period 1964 through 1968 are reported. Data for the metals analyses are for 1966 and 1967.

AIR QUALITY DATA FOR 1968

SECTION 1. INTRODUCTION

HISTORY

Today's National Air Surveillance Networks have developed from the Public Health Service's first air pollution sampling effort, which began in 1953. The Public Health Service's Division of Sanitary Engineering Services in cooperation with various state and local agencies began sampling for suspended particulate matter with high-volume air samplers in 17 cities. By 1956 this sampling program had expanded to encompass 66 communities, and a national need and desire to have a larger, truly national air quality sampling effort had become apparent. As a result, in January of 1957, the National Air Sampling Network (presently called the National Air Surveillance Networks) was established to routinely monitor suspended particulate levels in urban and nonurban America.

The scope of sampling was expanded in 1957 to some 185 urban and 48 nonurban stations, of which approximately 100 of the urban and all of the nonurban stations were scheduled to operate every year. The number of urban stations operating in 1968 was 164, and the number of nonurban stations had stabilized at 30. Figure 1-1 shows the locations of those NASN stations that were operated in 1968. This report, however, contains data for 352 urban and 36 nonurban stations when state and locally collected data are included.

Since 1957, Network operations have also expanded in the number and type of pollutants measured. The constituent pollutants measured in high-volume particulate samples include benzene-soluble organic compounds, 4 nonmetallic inorganic ions, and 16 metals. During 1959 and 1960, 24-hour bubbler sampling for the gases NO_2 and SO_2 began at a few stations. The Gas Sampling Network has since been expanded to more than 100 sites. The Continuous Air Monitoring Projects (CAMP), which began in 1962, gather data on gaseous pollutants in six

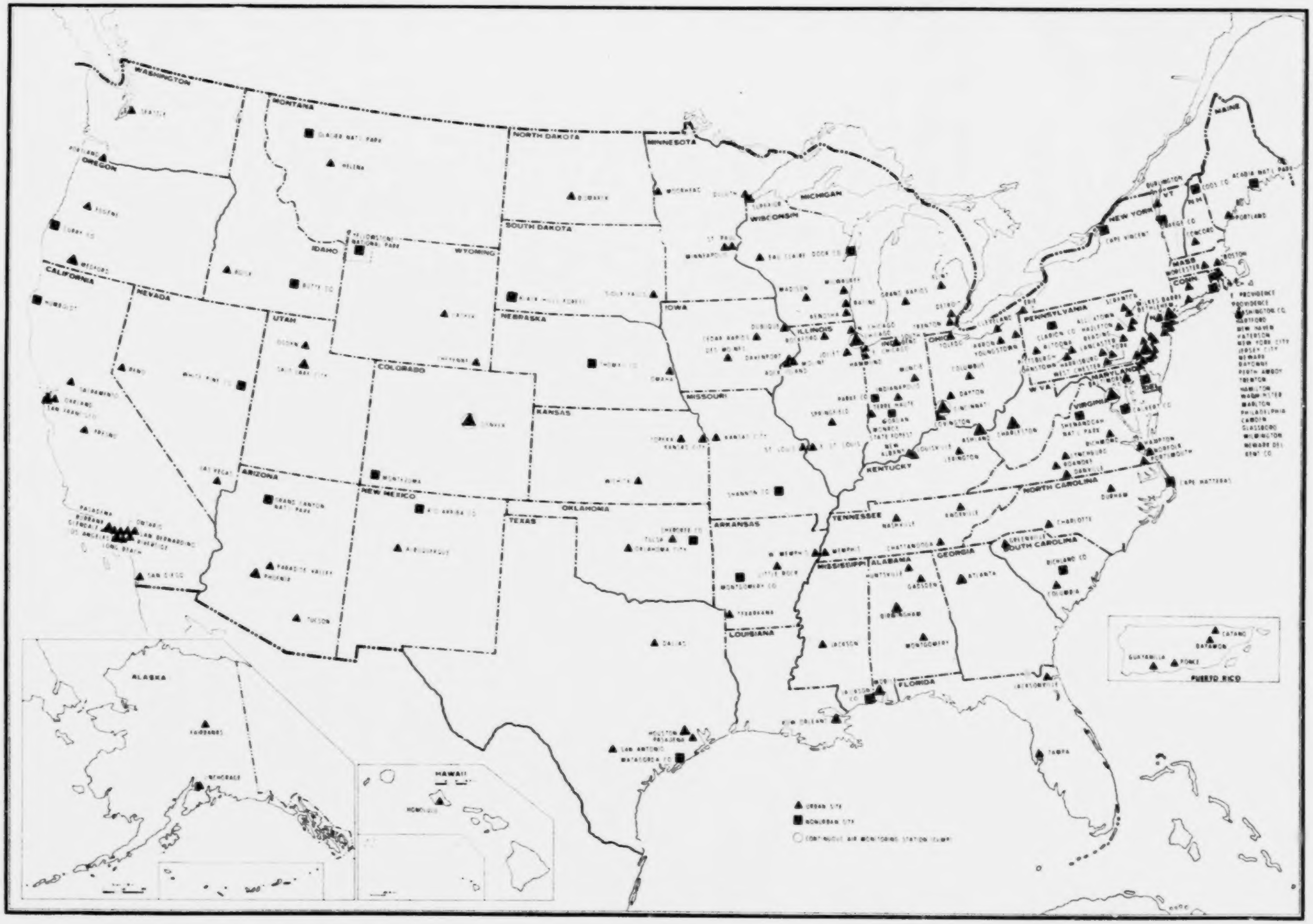
WASHINGTON
OREGON
CALIFORNIA
NEVADA
IDAHO
MONTANA
UTAH
ARIZONA
WYOMING
COLORADO
NEW MEXICO
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
WISCONSIN
MICHIGAN
ILLINOIS
KENTUCKY
TENNESSEE
MISSISSIPPI
ALABAMA
GEORGIA
FLORIDA
OHIO
PENNSYLVANIA
NEW YORK
VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
MAINE
VT
MASS
CONN
ALASKA
HAWAII
PUERTO RICO
URBAN SITE
NONURBAN SITE
CONTINUOUS AIR MONITORING STATION (CAMP)

Figure 1-1. Locations of National Air Surveillance Networks stations operated in 1968.

cities, where continuously operating instruments record levels of carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants.

With the reorganization of the Public Health Service on January 1, 1967, the network sampling operations were collectively designated the National Air Surveillance Networks and were incorporated in the Air Quality and Emission Data Program of the National Center for Air Pollution Control (NCAPC) in the Bureau of Disease Prevention and Environmental Control of the Public Health Service. In July 1968, the National Center was redesignated the National Air Pollution Control Administration (NAPCA) under the Consumer Protection and Environmental Health Service (CPEHS); in January 1969, the Air Quality and Emission Data Program was redesignated the Division of Air Quality and Emission Data. Since December of 1970, the National Air Surveillance Networks (NASN) have been part of the Environmental Protection Agency (EPA). As in 1968, most of the current EPA air quality surveillance sampling is conducted by three National Air Surveillance Networks: the suspended particulate, or Hi-Vol, network; the Gas Sampling Network; and the Continuous Air Monitoring Projects.

These networks are operated in cooperation with appropriate state or local agencies. The Division of Atmospheric Surveillance generally provides the equipment, supplies, and laboratory analytical services; the cooperating agency provides the sampling site and the manpower. In addition to assisting the EPA sampling program, many state and local air pollution control agencies operate their own air pollution control programs. Many such agencies contribute their data to EPA's aerometric data bank, and these data are included in EPA publications.

GUIDE TO SITE DESCRIPTION LISTING

Sampling sites are listed in the appendices. Information is given on the location of each station - Federal, state, or local - listed in this publication. The site description format is presented in Figure 1-2. In addition to the address of each site, the listing shows the type of site, the site number, the height above ground level of the sampler, the name of the supporting state or local agency, and either the county name (for urban sites) or a site name abbreviation (for nonurban sites). The site types are industrial (I), residential (R), commercial (C), suburban (S), and nonurban (N); many sites are classified as combinations of two or more of these categories.

Sites at which samples were collected in 1968 are listed in Appendix A. The sites listed in Appendix B are sites that provided data from 1966 and 1967 for the metals analyses reported in Section 7 of this publication.

STATE CITY SITE NUMBER STATION CODE	STATION ADDRESS SUPPORTING AGENCY	TYPE[a]	COUNTY NAME HEIGHT[b]

[a] The type of site is identified by one or more of the following symbols:

C - Commercial
I - Industrial
R - Residential
N - Nonurban
(*)- Indicates information not available

[b] Height above ground level of the sampler, in feet.

Figure 1-2. Site description format used by the National Aerometric Data Bank.

DESCRIPTION OF DATA TABLES

In this section the six basic formats of data presentation are described in some detail. Following these descriptions, information concerning the type of data that appears in each particular table is presented.

One of the major methods of presentation of data used in this publication is the cumulative frequency distribution table. For each site, this table lists the year or years of sampling covered, the number of valid samples taken, the minimum value, the nine decile values, the maximum value, the arithmetic mean, the geometric mean, and the standard geometric deviation.

Quarterly composite tables are used to report metallic and organic fractions of suspended particulate matter from stations in the network. For each site, a composite concentration value is reported for each of the 4 quarters of the calendar year, and a yearly average is reported whenever valid data for all 4 quarters were obtained.

A third type of table, used exclusively to summarize CAMP data for gaseous pollutants and soiling index, simply lists the average pollutant concentration for each day in the calendar year. Values for the gaseous pollutants are averaged from raw data compiled at 5-minute intervals. For soiling index the sampling period is 2 hours, so that as many as 12 values are included in each daily average.

The daily mean for the CAMP gases or soiling index is only calculated if at least half the possible number of measurements are valid.

Additional data on suspended particulate matter, nitrogen dioxide, and sulfur dioxide that do not meet the criteria for a "representative" year are summarized in an abbreviated format showing the number of samples collected together with the maximum and minimum values. These criteria require at least 5 samples per quarter with at least 2 of the 3 months in each quarter being represented by any combination of samples; however, the case where no samples are collected in 1 month and only 1 sample is collected in another month would not meet the criteria even if 4 or more samples are collected in the final month. Missing samples can result not only from a failure to sample on the scheduled days but also from the loss or contamination of samples in shipment back to EPA laboratories.

The fifth form in which data are presented is the frequency distribution table-graph combination. For each of the gaseous pollutants (carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants), a graph presents comparative curves showing the frequency distributions of 5-minute values in the CAMP cities. After these figures, a numerical tabulation of all the information is presented.

A sixth format is used to report fluoride data. Because a large proportion of the fluoride measurements is below the minimum detectable concentration, it was considered that calculation of the averages and representation of the data in frequency distribution format would be misleading. The format that was adopted lists the number of measurements taken, the number that are above the minimum detectable concentration, and the maximum concentration.

For those tables containing data from many sites (frequency distribution and quarterly composites), the data are divided into two classes: data for urban sites and data for nonurban sites. Nonurban sites are often labeled by national park names, if such apply. If not, they are generally identified by county names: e.g., Montgomery County, Arkansas. Urban sites are generally identified by the name of the town or city in which they are located. Because some exceptions occur in both categories, the sites are separated into different tables, so that the reader will know whether a particular site is classified as urban or nonurban. In all tables, data from contributing networks are identified by the symbol "★."

The data tables are divided into five sections: Section 4 presents data on suspended particulates, Section 5 covers the benzene-soluble organic fractions of particulates, Section 6 covers the nonmetallic inorganic fractions, Section 7 covers the metallic fractions of particulates, and Section 6 presents data on gaseous pollutants and soiling index.

In addition to data tabulations, brief summaries and analyses of national air pollutant levels are presented in Tables 3-1 through 3-11.

Tables 4-1 and 4-2 present 1968 data on the concentrations of suspended particulate matter. Data from urban sampling stations are presented as frequency distributions in Table 4-1. Table 4-2 presents frequency distributions of data from nonurban stations. Table 4-3 presents data for stations that did not meet the criteria of number and distribution of samples for a valid or representative annual average.

Tables 5-1 through 5-4 offer 1968 data on the portion of suspended particulate matter that consists of benzene-soluble organic compounds. The concentrations of benzene-soluble organic matter measured by DAS are determined from quarterly composite samples.

Tables 5-3 and 5-4 present data on the concentration of benzo(a)pyrene in the particulate matter from urban and nonurban stations, respectively. Benzo(a)-pyrene, one of the many specific organic compounds included in the benzene-soluble fraction, is of sufficient interest to warrant separate determination because of its carcinogenic (cancer-causing) properties. Because it is present in extremely small amounts, benzo(a)pyrene is reported in nanograms (10^{-9} grams) per cubic meter rather than in micrograms (10^{-6} grams) per cubic meter.

Tables 6-1 through 6-9 present the results of chemical analyses of four nonmetallic inorganic ions for 1968. Data on ammonium, nitrate, and sulfate ions extracted from urban particulate samples are presented in frequency distribution format in Tables 6-1, 6-4, and 6-7, respectively, and comparable data from nonurban stations appear in Tables 6-2, 6-6, and 6-9. Tables 6-5 and 6-8 present nitrate data from the State of New York and sulfate data from the State of Washington. These two sets of data are separated because the method of analysis differed from that of the other nitrate and sulfate data. Urban data on the water-soluble fluorides appear in Table 6-3. Because there were no nonurban fluoride measurements above the minimum detectable concentration, there is no table for nonurban fluoride concentrations. Fluoride analysis is conducted on every nonurban particulate sample, however.

In using Tables 6-1 through 6-9, the reader is encouraged to refer to Table 3-4 to determine the minimum concentrations at which the various pollutants are detectable. A recorded concentration of zero means only that the actual concentration was below the minimum detectable concentration.

Tables 7-1 through 7-33 present data on the concentration of 16 metallic components of suspended particulate matter collected in urban and nonurban samples during 1966 and 1967. Table 7-19 contains lead data for 11 sites from the State of Georgia that were determined by a different method (atomic absorption) from the lead data in Tables 7-17 and 7-18. The 16 metals represented are antimony, beryllium, bismuth, cadmium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, nickel, tin, titanium, vanadium, and zinc. In all cases the data are presented in the quarterly composite format.

The methodology for determining metals concentrations currently includes low-temperature ashing in an oxygen plasma. This was instituted, beginning with samples analyzed in 1966, to minimize loss of volatile metals such as cadmium, lead, tin, and zinc. Therefore, data on samples collected prior to 1966 are not comparable with subsequent measurements.

Table 3-4 lists the minimum quantities in which metals are detectable in urban and nonurban samples under normal operating conditions. The degree of interference from other substances determines the actual sensitivity in an individual analysis. In this publication a recorded concentration of zero means only that the actual concentration was below the minimum detectable levels. In the calculation of annual station averages for this publication, however, concentrations below the minimum detectable levels are treated as zero concentrations.

Figures 8-1 through 8-6 and Tables 8-1 through 8-14 present various summaries of gaseous pollutant data from two of the National Air Surveillance Networks: The Continuous Air Monitoring Projects, (CAMP), and the 24-hour Gas Sampling Network.

The CAMP data are presented in Figures 8-1 through 8-6 as graphs of annual frequency distributions of the basic 5-minute values. A tabular list of the same data in frequency distribution format follows the figures. Further, Tables 8-2 through 8-7 present daily arithmetic averages of the data for each pollutant by city.

The pollutants summarized are carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants.

Nitrogen dioxide and sulfur dioxide data from the 24-hour Gas Sampling Network are presented in Tables 8-8 through 8-13, respectively. The gas bubbler samplers are operated on the same schedule of 26 randomly selected days as are the Hi-Vol samplers. NO_2 and SO_2 data that did not meet the yearly validity criteria for number and distribution of samplers are summarized in an abbreviated format in Tables 8-10 and 8-13.

SECTION 2. LABORATORY METHODOLOGY

SUSPENDED PARTICULATE MATTER

The mass of particulate matter per volume of air is usually determined by drawing air through a preweighed glass filter with a high-volume (Hi-Vol) air sampler, and then weighing the soiled filter. A calibrated rotameter is read at the start and finish of the sampling period, and the averaged value is used with a calibration table for that rotameter to obtain the flow rate. The known sampling period (24 hours) and the measured flow rate allow for calculation of the volume of air sampled. Individual laboratory procedures, however, may differ from one laboratory to another. The following procedure is used by the Division of Atmospheric Surveillance for all sampling conducted by the NASN.

Each city's Hi-Vol sampler is located in the central business-commercial district at a site that is, as nearly as practicable, comparable with a corresponding site in other cities. In such a location, measured concentrations tend to be among the highest found in the city, and therefore cannot be interpreted as the city-wide average. Analysis of comparisons between sites and trends over several years are useful, however.

The Hi-Vol samplers, operating at approximately 1.5 cubic meters per minute, collect particulate matter from about 2200 cubic meters of air during the 24-hour sampling period. The NASN stations are operated during 26 randomly selected days per year. The filters used are 8- by 10-inch flash-fired glass fiber filters selected for low and uniform background concentrations of those substances to be measured.

To eliminate any filters having pinholes or other flaws that could affect air flow, the filters are screened for imperfections on a light table and numbered. Prior to weighing, they are equilibrated for a minimum of 24 hours at a temperature of 75° F and a relative humidity of 50 percent or less. Because any crease in a filter can seriously affect the air flow, filters are weighed with a balance that permits weighing without bending.

The filters are then distributed unfolded to the cooperating local agencies. After sampling, the filters are folded in half with the collected particulate matter inside and returned to the laboratory. The filter with the collected particulates is again equilibrated for at least 24 hours at a temperature of 75° F and a relative humidity of 50 percent or less, and then weighed to determine the amount of particulate matter that was collected. The equilibration at low relative humidity prior to this weighing is of crucial importance because many of the collected compounds (ammonium sulfate in particular) are quite hygroscopic. Figure 2-1 shows the effect of humidity on the measured weights of soiled filters from three sampling

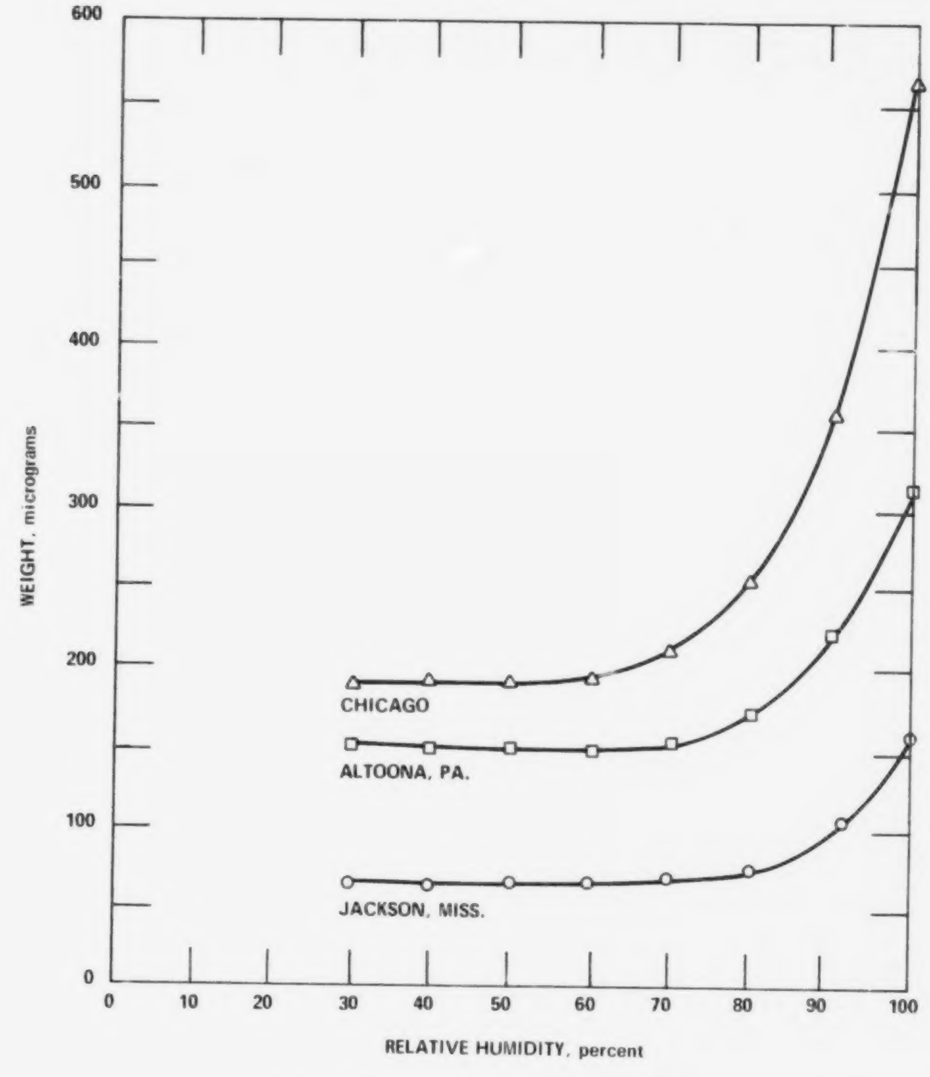

Figure 2-1. Effects of relative humidity on weight of atmospheric particulates at 75° F.

locations. The increase in weight at the higher humidities illustrates the amount of moisture the collected material can absorb.

Organic Particulate Matter

The numerous specific organic compounds that are removed by benzene include many of the manmade organic pollutants. Natural, organic, airborne particles, such as pollens and molds, generally are not soluble in benzene.

Benzene-soluble organics are determined by extraction of the samples with benzene in a Soxhlet extractor for 6 hours. This extraction process removes more than 90 percent of the benzene-soluble organic materials. After extraction, the solution is concentrated and then filtered into a tared vial. The remaining benzene is evaporated at 60° C and the residue is weighed.

The benzo(a)pyrene (BaP) component of the benzene-soluble organic residue is determined after first separating the different components by thin layer chromatography and by removal of the BaP from the thin layer absorbent. The BaP is then dissolved in sulfuric acid and its concentration is measured by fluorescence spectroscopy.

Nonmetallic Inorganic Constituents

Analyses for ammonium, nitrate, and sulfate ions are conducted with AutoAnalyzers* on an aqueous extract of an 8.3 percent aliquot of the particulate sample. The sample aliquot is washed twice in preparation of the extract, which has a final volume of 50 milliliters. This solution is used for the three analyses.

Ammonium ion in the filtrate is determined by reaction with sodium hypochlorite solution to produce a blue complex. The color intensity of this complex is measured spectrophotometrically at 626 nanometers.

Nitrate ion in the filtrate is reduced to nitrite by alkaline hydrazine (pH of 11). Sulfanilamide is added to form a diazo compound that subsequently combines with N-(1-naphthyl) ethylenediamine. The resulting compound is measured spectrophotometrically at 535 nanometers. This method offers distinct advantages in avoiding interferences from other water-soluble compounds found in atmospheric particulates.

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*Mention of a specific commercial product or a company name does not constitute endorsement by the Environmental Protection Agency.

Sulfate ion in the filtrate is determined by the methylthymol blue method that is appropriate only with the closed system techniques because the methylthymol blue dye is oxidized by atmospheric oxygen. The filtrate is reacted with a reagent consisting of equal parts of methylthymol blue dye and barium chloride, kept at a pH of 2.8 to prevent the formation of a chelate complex from the dye and the barium ion. Any sulfate ion in the sample reacts with the barium ion, leaving an excess of methylthymol blue dye that is proportional to the amount of sulfate present. The pH is then raised to 12.4. At this point the barium ion that was not removed by the sulfate forms a chelate complex with the methylthymol blue dye, and the excess dye turns yellow. The intensity of the yellow dye is then determined colorimetrically at 480 nanometers.

Measurement of the fluoride ion concentration in NASN samples of suspended particulate matter became practical with the adaptation in the DAS laboratory of a fluoride-selective electrode technique.* The analysis is conducted on an aliquot of the same water extract that was prepared for the ammonium, nitrate, and sulfate analyses. A sodium citrate-carbonate buffer solution is added to adjust the ionic strength and the pH and to control interferences from metal ions. The fluoride-selective electrode generates a potential in proportion to the fluoride activity in the sample; this potential is measured against the potential of a standard reference electrode.

Metals

In the metals analysis an aliquot of the sample is first ashed and then extracted with a mixture of 40 percent nitric acid. The manner of ashing the sample is critical in the determination of the more volatile metals such as cadmium, lead, tin, and zinc. Samples collected prior to 1966 were ashed in a muffle furnace at 500° C, but they are now ashed in a low-temperature asher at about 150° C. After ashing and extraction, metals concentrations are determined with an emission spectrograph.

GASES

The gas samples are gathered with a bubbler-train sampler. Air is drawn successively through a membrane filter, a manifold, a bubbler, another filter, and finally a critical orifice. The membrane prefilter removes particulate matter;

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*M. C. Frant, and J. W. Ross, Jr. Electrode for Sensing Fluoride Ion Activity in Solution, Science, 145:1533-1544, 1966.

the glass manifold permits the connection of as many as five bubblers in parallel. The bubbler itself is filled with the appropriate absorbing reagent and is followed by a post-filter that serves to protect the hypodermic-needle critical orifice, which controls the air flow. The needles are calibrated before and after use: the sampling interval and the average flow rate are used to compute the total volume of air sampled. Following sample collection, the bubbler tubes and needles are shipped to the DAS laboratory for analysis.

The analytical method used for sulfur dioxide is that of West and Gaeke--with the addition of sulfamic acid to the reagents. Sulfur dioxide is collected from the air sample by the complexing action of sodium tetrachloromercurate and is determined colorimetrically by measuring the red-violet color produced when a bleached rosaniline hydrochloride solution and dilute aqueous formaldehyde react with the sulfur dioxide in the collection solution. The sulfamic acid is then added to prevent an interference by nitrogen dioxide.

Nitrogen dioxide measurements are based on the Jacob-Hochheiser procedure. When the sample air containing nitrogen dioxide is drawn through a sodium hydroxide solution, a dilute solution of sodium nitrite is produced. In the laboratory this collecting solution is reacted with solutions containing phosphoric acid, sulfanilamide, and N-(1-naphthyl)-ethylenediamine dihydrochloride. The concentration of the resulting azo dye is measured colorimetrically.

SOILING INDEX

Soiling index data, measured in Coh's per 1000 linear feet, are presented in Table 8-14 for the six CAMP stations. The data are shown as daily averages of the 2-hour observations determined with a standard spot-tape sampler. The soiled tapes are read with an automated transmissivity meter that determines the soiling index values.

SECTION 3. SUMMARY OF AIR QUALITY MEASUREMENTS

NATIONAL RANGE OF ANNUAL AVERAGES

The data summarized in Table 3-1 are 1968 annual means of 24-hour average concentrations measured by the Hi-Vol Network and the Gas Sampling Network. The first column of Table 3-1 represents the number of NASN stations for which a 1968 annual mean was calculated. The next two columns are the highest and lowest annual station averages for the pollutant in question. Thus, of the 149 station averages for TSP, the average from the station with the highest mean and that from the station with the lowest mean are reported. Note that the annual means for total suspended particulates are geometric means. For all other pollutants, including particulate fractions, arithmetic means have been used.

The station averages from urban sites are distinguished from those from nonurban sites. It is no surprise that concentrations of most air pollutants are shown to be higher at urban locations than at nonurban locations.

NATIONAL DISTRIBUTIONS OF METALS CONCENTRATIONS

Tables 3-2 and 3-3 contain summaries of metals concentrations measured in quarterly composites of suspended particulate samples collected in 1966 and 1967. The tables consist of frequency distributions of the concentrations lying in successive concentration ranges.

The minimum detectable concentrations for each of the 16 metals and the 4 nonmetallic inorganic ions that were measured are listed in Table 3-4. A glance at Tables 3-2 and 3-3 reveals the overwhelming proportions of measurements below the detectable levels for some of the metals. Minimum detectable concentrations of metals are lower for nonurban stations than for urban stations. Nonurban metals concentrations may be measured with greater sensitivity because the extract is prepared in a more concentrated form.

ANNUAL AVERAGES BY POPULATION CLASS

The distribution by population of 1968 annual averages for TSP (geometric mean) is presented in Table 3-5. Similar distributions, using arithmetic means, are presented for nitrogen dioxide and sulfur dioxide in Tables 3-6 and 3-7.

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Table 3-1. NATIONAL RANGE OF 1968 ANNUAL AVERAGES[a]
($\mu g/m^3$, except as noted)

	Number of stations	Maximum station average	Minimum station average
Suspended particulates			
Total			
Urban	149	239	26
Nonurban	28	49	6
Fractions			
Benzene-soluble organics			
Urban	149	23.8	1.3
Nonurban	28	3.0	0.8
Benzo(a)pyrene (ng/m^3)			
Urban	149	18.56	0.47
Nonurban	28	0.97	0.14
Ammonium			
Urban	149	15.1	0.0
Nonurban	28	1.2	0.0
Nitrate			
Urban	149	13.0	0.6
Nonurban	28	1.2	0.1
Sulfate			
Urban	149	48.7	1.6
Nonurban	28	14.1	0.9
Gases			
Nitrogen dioxide			
Urban	75	299	60
Nonurban	5	89	46
Sulfur dioxide			
Urban	85	126	6
Nonurban	5	15	6

[a] Annual averages are arithmetic means for all pollutants except total suspended particulates for which geometric means are reported.

Nine population classes are defined, based on population estimates taken from the 1970 Census of Population, and 13 ranges of pollution concentration are delineated. The number of cities for each combination of population class and

Table 3-2. NATIONAL DISTRIBUTION OF CONCENTRATIONS OF METALS IN URBAN QUARTERLY COMPOSITE SAMPLES ($\mu g/m^3$)

			Number of samples in concentration range[b]:															
			x 10^{-4}			x 10^{-3}			x 10^{-2}			x 10^{-1}			x 1			x 10
Metal	Year	ND[a]	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2
Antimony	1966	398								2								
	1967	451								1								
Beryllium	1966	349	22	24	4	1												
	1967	375	27	39	9	2												
Bismuth	1966	338			29	21	7	1	3	0	0	0	1					
	1967	416			14	11	9	2										
Cadmium	1966	304						50	27	15	2	2						
	1967	316						67	35	24	6	4						
Chromium	1966	274						61	35	25	3	2						
	1967	321						60	38	29	3	1						
Cobalt	1966	396						4										
	1967	447						3	1	0	0	1						
Copper	1966	8							22	87	138	101	32	10	1	1		
	1967	11							16	63	130	125	76	28	3			
Iron	1966	12										9	78	115	114	67	4	1
	1967	15										18	85	103	122	99	10	
Lead	1966	5									4	11	78	166	102	31	2	1
	1967	6									2	7	57	178	147	53	2	
Manganese	1966	24						38	70	129	80	39	17	3				
	1967	23						29	64	157	101	48	20	9	1			
Molybdenum	1966	311				19	35	21	7	3	4							
	1967	342				22	57	21	3	3	4							
Nickel	1966	120						63	110	77	26	4						
	1967	134						81	116	90	20	9	2					
Tin	1966	189			31	18	76	54	28	2	2							
	1967	200			53	29	76	56	33	4	1							
Titanium	1966	216						55	51	49	22	7						
	1967	215						43	70	70	38	15	1					
Vanadium	1966	195					10	31	43	44	29	22	24	2				
	1967	144					58	41	50	57	46	19	26	8	3			
Zinc	1966	236									13	26	47	50	23	5		
	1967	271									25	25	51	53	26	1		

[a] Not detectable; below minimum detectable level. First entry is in range of minimum detectable level.

[b] If a number lies on the class bound, it falls in the next higher interval. For example, 0.0002 falls in the 2 to 5 range.

Table 3-3. NATIONAL DISTRIBUTION OF CONCENTRATIONS OF METALS IN NONURBAN QUARTERLY COMPOSITE SAMPLES

($\mu g/m^3$)

		Number of samples in concentration range[b]:														
			x 10^{-5}	x 10^{-4}			x 10^{-3}			x 10^{-2}			x 10^{-1}			x 10
Metal	Year	ND[a]	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2
Antimony	1966	112														
	1967	119							1							
Beryllium	1966	103	7	2												
	1967	117	3													
Bismuth	1966	105			5	1	1									
	1967	119			1											
Cadmium	1966	97						11	3	0	1					
	1967	118						0	1	1						
Chromium	1966	56					5	27	16	6	2					
	1967	87					4	18	5	5	1					
Cobalt	1966	111					0	0	0	0	1					
	1967	120														
Copper	1966	0							2	18	36	32	19	5		
	1967	2							2	21	41	19	18	14	3	
Iron	1966	12									2	3	9	53	27	6
	1967	27									3	15	35	28	7	5
Lead	1966	29									23	31	23	6		
	1967	36									22	29	18	14	1	
Manganese	1966	20						13	21	34	24					
	1967	29						17	23	33	15	3				
Molybdenum	1966	103				3	6									
	1967	112				1	2	5								
Nickel	1966	20					7	53	26	6						
	1967	64					9	23	13	8	3					
Tin	1966	19			15	25	27	25								
	1967	49			19	17	20	15								
Titanium	1966	83						11	6	7	5					
	1967	98						7	10	4	1					
Vanadium	1966	66				0	6	11	10	7	9	3				
	1967	61				10	8	14	5	7	10	4	1			
Zinc	1966	56									9	12	19	14	1	
	1967	73									6	13	16	12		

[a] Not detectable; below minimum detectable level. First entry is in range of minimum detectable level.

[b] If a number lies on the class bound, it falls in the next higher interval. For example, 0.0002 falls in the 2 to 5 range.

concentration is given along with totals for each population class and each concentration level. An additional row is provided to show the distribution of nonurban sites by concentration level. A slight departure from earlier publications has been made that changes the concentration interval so that the standards for each pollutant can be clearly shown.

Table 3-4. MINIMUM DETECTABLE CONCENTRATIONS OF INORGANIC CONSTITUENTS[a]
($\mu g/m^3$)

Metal	Urban	Nonurban
Antimony	0.04	0.01
Beryllium	0.0002	0.00007
Bismuth	0.001	0.0004
Cadmium	0.01	0.004
Chromium	0.006	0.002
Cobalt	0.006	0.002
Copper	0.02	0.008
Iron	0.2	0.05
Lead	0.1	0.03
Manganese	0.01	0.004
Molybdenum	0.002	0.0008
Nickel	0.006	0.002
Tin	0.001	0.0003
Titanium	0.01	0.003
Vanadium	0.003	0.001
Zinc	0.1	0.04
Nonmetal		
Ammonium	0.06	0.06
Fluoride	0.05	0.05
Nitrate	0.06	0.06
Sulfate	0.6	0.6

[a] Nonurban metal samples may be measured more sensitively for two reasons. First, problems normally occur when the presence of one metal interferes with the measurement of another metal. In nonurban areas, however, there is less interference with the metal being measured. Secondly, since nonurban particulate levels are lower, the extracts of the filters used for analysis may be prepared in more concentrated form for increased sensitivity. These limits of detectability are subject to change as analytical methods improve.

In the preparation of the three tables described here, four NASN sites located in the suburbs of Philadelphia were excluded. The reason for exclusion is the unique consideration behind their inclusion in the NASN. Usually a NASN urban site is selected in a downtown area to reflect industrial or commercial activity. The four sites in question--Burlington County and Glassboro, New

Table 3-5. 1968 ANNUAL GEOMETRIC MEAN CONCENTRATIONS OF SUSPENDED PARTICULATE MATTER VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, μg/m3												
	≤15	16 to 30	31 to 45	46 to 60[a]	61 to 75[b]	76 to 90	91 to 105	106 to 120	121 to 135	136 to 150	151 to 165	166 to 180	≥181	Total
>3 million								2			1			3
1 to 3 million					1			1	2					4
700,000 to 1 million					1	2	1		2	1				7
400,000 to 700,000		4	8	7	8	8	9	3	2	2	3	1		55
100,000 to 400,000			4	7	20	23	15	10	4	2	1	1	2	89
50,000 to 100,000			3	7	15	16	7	10	4		1		1	64
25,000 to 50,000		2	7	8	17	7	7	1	3	1	2		3	58
10,000 to 25,000		1	5	8	6	6	2	2			1			31
<10,000		2	1	3	9	7	4					1		27
Total		9	28	40	77	69	45	29	17	6	9	3	6	338
Nonurban	8	13	10	4										35

[a] Secondary standard, 60 μg/m^3.

[b] Primary standard, 75 μg/m^3.

Table 3-6. 1968 ANNUAL ARITHMETIC MEAN CONCENTRATIONS OF NITROGEN DIOXIDE VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, µg/m3													
	≤60	61 to 80	81 to 100[a]	101 to 120	121 to 140	141 to 160	161 to 180	181 to 200	201 to 220	221 to 240	241 to 260	261 to 280	>280	Total
>3 million													1	1
1 to 3 million											1			1
700,000 to 1 million								3	2	1				6
400,000 to 700,000					1	3	3	4	3	1	1			16
100,000 to 400,000	1	1	1	3	4	5	8	4	5	2	3		1	38
50,000 to 100,000				1			1	3	3					8
25,000 to 50,00C	1			1		1		1						4
10,000 to 25,000				1		1								2
<10,000														
Total	2	1	1	6	5	10	12	15	13	4	5		2	76
Nonurban	3	1	1											5

[a] Primary and secondary standard, 100 µg/m^3.

Table 3-7. 1968 ANNUAL ARITHMETIC MEAN CONCENTRATIONS OF SULFUR DIOXIDE VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, $\mu g/m^3$													
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[a]	61 to 70	71 to 80[b]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million													1	1
1 to 3 million							1		1					2
700,000 to 1 million	1	1		2			1		1					6
400,000 to 700,000	4	4	6	2				1	1	1				19
100,000 to 400,000	9	7	7	3	3	3	2	2	2		1	1	1	41
50,000 to 100,000		2	3	1			2							8
25,000 to 50,000	1	1			1	1		1						5
10,000 to 25,000	2		1											3
<10,000														
Total	17	15	17	8	4	4	6	4	5	1	1	1	2	85
Nonurban	4	1												5

[a] Secondary standard, 60 $\mu g/m^3$.

[b] Primary standard, 80 $\mu g/m^3$.

Jersey and Warminster and West Chester, Pennsylvania--are in primarily residential areas. They were added to the NASN to gain some idea of the variation in ambient air quality within a single metropolitan area.

Tables 3-5 through 3-7 suggest that the relationship between population and pollution is not always clear. The gaseous pollutants seem to be more clearly tied to population than TSP is. For sulfur dioxide this population-pollution relationship becomes clearer when eastern and western sites are separated (see Tables 3-8 and 3-9). "Eastern" sites are considered to be those in Minnesota, Iowa, Missouri, Arkansas, Louisiana, or in any state east of the Mississippi River. Although this assignment is somewhat arbitrary, it corresponds roughly to the areas of relative scarcity of low-sulfur fuels, which have been more readily available in the western than in the eastern states.

For convenient reference the ambient standards for annual means are presented with the distribution of the pollutants.

CAMP GASEOUS POLLUTANT DATA

Annual averages for each of the six CAMP stations for the 5-year period 1964 through 1968 are reported in Table 3-10. CAMP averages are not included in Table 3-1.

Because the formation of photochemical oxidant is so directly dependent upon sunlight, averages that include levels measured during hours of darkness may appear deceptively low. For this reason Table 3-11 lists for each station the number of days during which at least one hourly average concentration of total oxidants exceeded the following levels: 0.05 ppm, 0.10 ppm, and 0.15 ppm. This 1964 through 1968 summary gives some indication of the frequency of photochemical smog.

Previously published summaries of 1964 through 1965 oxidant levels may be slightly different from the summaries of Table 3-11 because some summaries in the past included only maximum hourly concentrations occurring between 11 a.m. and 5 p.m. Some of the station-year totals may be low because of invalid data periods that occur during the summer months when high oxidant concentrations are most frequent. These situations are footnoted in the table.

Table 3-8. ANNUAL ARITHMETIC MEAN CONCENTRATION OF SULFUR DIOXIDE IN EASTERN[a] CITIES

Incorporated city population (1970 census)	Concentration SO_2, µg/m^3													
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[b]	61 to 70	71 to 80[c]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million													1	1
1 to 3 million							1		1					2
700,000 to 1 million				2			1		1					4
400,000 to 700,000	1	2	5	2				1	1	1				13
100,000 to 400,000	4	4	5	3	3	2	2	2	2		1	1	1	30
50,000 to 100,000		1	3	1			2							7
25,000 to 50,000		1			1	1		1						4
10,000 to 25,000	1		1											2
<10,000														
Total	6	8	14	8	4	3	6	4	5	1	1	1	2	63

[a] "Eastern" includes locations east of the Mississippi River in addition to Minnesota, Iowa, Missouri, Arkansas, and Louisiana. Fuels are generally higher in sulfur content in this area than in the "western" states.

[b] Secondary standard, 60 µg/m^3.

[c] Primary standard, 80 µg/m^3.

Table 3-9. ANNUAL ARITHMETIC MEAN CONCENTRATION OF SULFUR DIOXIDE IN WESTERN[a] CITIES

Incorporated city population (1970 census)	Concentration SO_2, μg/m^3													
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[b]	61 to 70	71 to 80[c]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million														
1 to 3 million														
700,000 to 1 million	1	1												2
400,000 to 700,000	3	2	1											6
100,000 to 400,000	5	3	2			1								11
50,000 to 100,000		1												1
25,000 to 50,000	1													1
10,000 to 25,000	1													1
<10,000														
Total	11	7	3			1								22

[a] "Western" includes locations west of the Mississippi River except Minnesota, Iowa, Missouri, Arkansas, and Louisiana. Low-sulfur fuels are more widely used in this area.

[b] Secondary standard, 60 μg/m^3.

[c] Primary standard, 80 μg/m^3.

Table 3-10. SUMMARY OF AVERAGE CONCENTRATIONS OF GASEOUS POLLUTANTS, CONTINUOUS AIR MONITORING PROJECTS

	Arithmetic average concentration, ppm				
	1964	1965	1966	1967	1968
Carbon monoxide					
Chicago	12.0	17.1	12.5	a	6.2
Cincinnati	a	4.0	4.9	5.6	5.6
Denver		7.2	7.9	7.6	5.4
Philadelphia	7.1	8.1	6.8	6.3	8.6
San Francisco	5.2				
St. Louis	6.3	6.5	5.8	5.6	4.6
Washington, D. C.	5.7	3.7	3.3	4.9	3.4
Nitric oxide					
Chicago	0.100	0.096	0.101	0.072	0.072
Cincinnati	0.038	0.031	0.042	0.032	0.065
Denver		0.033	0.039	0.037	0.037
Philadelphia	0.045	0.049	0.059	0.063	0.054
San Francisco	0.089				
St. Louis	0.036	0.026	0.032	0.035	0.032
Washington, D. C.	0.034	0.032	0.036	0.047	0.035
Nitrogen dioxide					
Chicago	0.046	0.043	0.057	0.050	0.048
Cincinnati	0.032	0.035	0.036	0.028	0.032
Denver		0.036	0.034	0.037	0.036
Philadelphia	0.038	0.037	0.039	0.043	0.039
San Francisco	0.057				
St. Louis	0.033	0.026	0.034	0.024	0.023
Washington, D. C.	0.037	0.035	0.035	0.043	0.047
Sulfur dioxide					
Chicago	0.175	0.130	0.084	0.125	0.117
Cincinnati	0.038	0.030	0.031	a	0.017
Denver		0.019	0.011	0.005	0.013
Philadelphia	0.081	0.084	0.091	0.098	0.081
San Francisco	0.017				
St. Louis	0.059	0.047	0.042	0.029	0.028
Washington, D. C.	0.047	0.046	0.044	a	0.037
Total hydrocarbons					
Chicago	3.0	2.6	2.8	3.0	2.9
Cincinnati	3.0	2.8	a	2.5	2.6
Denver		2.5	2.4	2.4	2.9
Philadelphia	2.2	2.2	2.5	2.4	2.2
San Francisco	2.8				
St. Louis	3.1	2.9	3.0	a	3.4
Washington, D. C.	3.0	2.1	2.4	a	2.2
Total oxidants					
Chicago	0.030	0.026	0.021	0.029	0.024
Cincinnati	0.028	0.033	a	0.031	0.023
Denver		0.033	0.030	a	0.030
Philadelphia	0.026	0.026	0.032	0.026	0.023
San Francisco	0.020				
St. Louis	0.031	0.032	0.037	0.035	0.022
Washington, D. C.	0.030	0.028	0.027	0.025	0.027

[a] No average calculated because of insufficient or poorly distributed data.

Table 3-11. DAYS WITH MAXIMUM HOURLY OXIDANT CONCENTRATIONS EQUAL TO OR GREATER THAN SPECIFIED CONCENTRATIONS, CONTINUOUS AIR MONITORING PROJECTS

City	Year	Valid data, days/yr	Specified concentration:					
			0.15 ppm		0.10 ppm		0.05 ppm	
			Days	Percent	Days	Percent	Days	Percent
Chicago	1964	259	0	0.0	8	3.1	135	52
	1965	275	0	0.0	8	2.9	107	39
	1966	235	3	1.3	6	2.6	52	22
	1967	255	1	0.4	16	6.3	113	44
	1968	243	5	2.1	14	5.8	92	38
Cincinnati	1964	304	4	1.3	30	9.9	122	40
	1965	311	4	1.3	14	4.8	162	52
	1966	208	0	0.0	1	0.5	54	26
	1967	248	1	0.4	20	8.1	122	49
	1968	115[a]	0	0.0	6	5.2	45	39[a]
Denver	1965	284	13	4.6	43	15.1	205	72
	1966	298	9	3.0	46	15.4	187	63
	1967	166[a]	4	2.4	12	7.2	76	46[a]
	1968	218	4	1.8	25	11.5	133	61
Philadelphia	1964	293	9	3.1	34	11.6	124	42
	1965	261	3	1.1	20	7.7	97	37
	1966	315	19	6.0	52	16.5	145	46
	1967	282	3	1.1	28	9.9	124	44
	1968	192[a]	3	1.6	11	5.7	66	34[a]
St. Louis	1964	254	5	2.0	24	9.4	139	55
	1965	328	7	2.1	28	8.5	178	54
	1966	292	5	1.7	33	11.3	174	60
	1967	289	4	1.4	38	13.1	185	64
	1968	223[a]	1	0.4	4	1.8	78	35[a]
Washington	1964	292	4	1.4	37	12.7	154	53
	1965	281	2	0.7	25	8.9	125	45
	1966	325	2	0.6	27	8.3	134	41
	1967	322	5	1.6	27	8.4	137	43
	1968	250	8	3.2	32	12.8	126	50

[a] Data are deceptively low because of low validity in the summer months when oxidant is typically high.

SECTION 4.
URBAN AND NONURBAN SUSPENDED PARTICULATE MATTER

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Table 4-1. SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA GADSDEN SITE 01	68	25	17	42	58	67	68	74	78	100	119	171	308	98	80	1.88
HUNTSVILLE SITE 01	68	26	25	40	45	48	55	59	65	69	73	87	132	64	60	1.44
MOBILE SITE 01	68	25	47	82	87	93	124	132	134	160	190	230	298	142	129	1.57
MONTGOMERY SITE 01	68	26	29	51	56	60	73	75	81	88	101	135	152	82	76	1.52
ALASKA ANCHORAGE SITE 03	68	26	11	17	35	41	53	65	85	111	122	140	190	77	60	2.21
FAIRBANKS SITE 01	68	26	54	60	69	82	111	177	227	236	317	362	719	207	157	2.15
ARIZONA MARICOPA COUNTY SITE 01	68	26	14	24	30	31	42	48	54	60	70	77	89	49	44	1.6[illegible]
PHOENIX SITE 02	68	26	68	95	105	116	125	132	139	187	194	238	284	150	142	1.42
TUCSON SITE 01	68	26	29	36	50	59	63	68	80	85	107	127	142	76	70	1.53
ARKANSAS EL DORADO SITE 01	*68	25	31	38	41	51	56	58	65	82	87	110	123	67	62	1.51
FORT SMITH SITE 01	*68	25	27	30	46	53	60	64	69	74	78	89	101	64	61	1.41
LITTLE ROCK SITE 01	68	25	37	40	52	55	60	62	67	77	84	102	181	74	69	1.44
SITE 02	*68	27	18	34	70	84	88	99	111	113	136	171	256	105	91	1.84
TEXARKANA SITE 01	68	26	32	38	40	43	50	50	56	63	65	112	181	60	55	1.50
WEST MEMPHIS SITE 01	68	26	39	46	58	61	69	70	81	95	97	136	309	90	78	1.62
CALIFORNIA BAKERSFIELD SITE 01	*68	23	68	112	121	125	134	148	160	183	210	282	505	175	159	1.53
BURBANK SITE 01	68	26	23	53	74	85	95	103	129	150	166	201	339	122	103	1.87
FRESNO SITE 02	*68	26	36	47	71	88	103	105	122	129	133	146	301	116	102	1.64
GLENDALE SITE 01	68	26	10	66	70	73	79	87	90	102	128	161	216	98	90	1.58
LONG BEACH SITE 01	68	26	38	60	74	87	95	108	118	160	178	253	290	132	114	1.73
LOS ANGELES SITE 01	68	26	63	101	106	110	120	126	127	144	161	183	272	135	129	1.33
MONTEREY SITE 01	*68	24	22	24	28	34	37	41	54	59	66	78	101	49	44	1.55
OAKLAND SITE 01	68	25	42	48	56	71	72	79	82	98	103	158	248	92	83	1.56
ONTARIO SITE 01	68	24	46	57	62	88	101	127	155	175	183	207	389	135	116	1.76
PASADENA SITE 01	68	26	28	70	82	90	99	101	120	132	138	178	195	113	106	1.50
RIVERSIDE SITE 01	68	26	43	61	70	85	100	105	154	175	194	204	255	130	116	1.63
SACRAMENTO SITE 01	68	26	21	29	43	55	60	63	74	79	90	113	148	70	63	1.64
SALINAS SITE 01	*68	31	40	48	54	62	67	80	84	93	147	157	258	96	84	1.66

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
CALIFORNIA SAN BERNARDINO SITE 01	68	26	24	47	55	64	75	90	123	159	167	192	213	108	92	1.82
SAN DIEGO SITE 01	68	26	27	38	43	45	49	58	66	69	91	121	161	69	62	1.58
SAN FRANCISCO SITE 01	68	26	30	48	60	63	74	82	88	120	135	155	163	92	84	1.59
SANTA ANA SITE 01	*68	24	48	55	62	77	83	87	100	124	145	191	225	105	95	1.56
SANTA CRUZ SITE 01	*68	27	13	19	49	58	67	69	74	75	82	93	105	65	58	1.72
COLORADO ADAMS COUNTY SITE 01	*68	89	12	44	57	74	84	98	116	129	143	179	288	107	93	1.77
ARVADA SITE 01	*68	93	18	59	69	81	93	103	117	128	155	181	299	114	101	1.65
AURORA SITE 01	*68	91	14	47	59	69	80	86	95	107	122	142	350	93	83	1.63
BOULDER SITE 01	*68	94	16	38	47	54	59	66	74	82	99	130	255	76	68	1.64
COLORADO SPRINGS SITE 03	*68	92	23	50	57	62	75	84	96	108	128	147	213	92	83	1.63
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	147	[illegible]	[illegible]	114	107	1.47
[illegible]	*[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.68
SITE 02	68	157	42	74	95	111	132	145	177	203	273	374	655	188	157	1.82
SITE 03	*68	92	35	59	76	86	98	117	127	140	151	190	413	123	110	1.59
SITE 04	*68	98	31	69	90	108	122	145	157	183	223	271	400	158	139	1.69
SITE 06	*68	97	23	42	48	59	66	76	87	100	110	133	202	86	76	1.63
SITE 07	*68	93	14	38	46	54	57	70	75	86	96	120	227	77	68	1.64
SITE 08	*68	89	22	49	64	76	84	91	105	116	134	172	335	106	92	1.65
DURANGO SITE 03	*68	80	22	37	53	60	63	73	87	108	132	155	260	92	79	1.76
ENGLEWOOD SITE 01	*68	91	27	52	67	72	81	89	110	134	159	204	294	112	98	1.70
FORT COLLINS SITE 01	*68	83	13	48	58	68	75	89	96	110	123	155	350	96	84	1.69
GARFIELD COUNTY SITE 01	*68	96	27	50	82	92	111	140	163	185	231	280	503	154	128	1.88
GLENWOOD SPRINGS SITE 01	*68	98	16	43	52	57	67	83	90	102	115	137	189	85	76	1.67
GOLDEN SITE 01	*68	95	14	34	40	48	60	72	78	86	105	134	203	76	66	1.73
GRAND JUNCTION SITE 03	*68	95	19	40	54	63	75	84	95	105	124	150	240	90	80	1.66
GREELEY SITE 02	*68	87	14	38	47	58	62	73	84	92	105	149	338	86	72	1.79
SITE 03	*68	95	14	38	51	65	75	86	100	114	122	164	242	93	81	1.77
LA JUNTA SITE 01	*68	97	14	34	43	53	59	66	70	79	96	108	177	69	63	1.58
LAKEWOOD SITE 01	*68	95	24	38	44	50	58	70	74	84	98	122	242	74	66	1.61
LONGMONT SITE 01	*68	81	25	44	68	81	89	98	115	126	153	182	250	109	97	1.67
MANITOU SPRINGS SITE 01	*68	98	20	36	49	58	68	81	87	99	113	134	204	83	75	1.63
MONTROSE SITE 01	*68	92	26	51	61	74	84	98	111	117	133	158	300	109	93	1.57

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
				Frequency distribution, percent												
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
COLORADO PUEBLO SITE 01	* 68	84	18	66	79	103	116	134	154	173	189	244	360	142	124	1.76
SITE 02	* 68	82	24	61	66	78	87	96	107	115	134	161	281	105	95	1.57
SITE 03	* 68	83	28	74	93	106	117	124	135	158	175	210	332	136	125	1.51
SITE 04	* 68	87	10	35	44	52	57	65	69	81	89	111	194	69	62	1.62
SITE 05	* 68	87	27	45	56	69	76	87	93	103	125	155	231	94	85	1.59
ROCKY FORD SITE 01	* 66	94	24	44	61	78	88	95	101	114	128	153	242	99	90	1.60
STERLING SITE 01	* 68	73	31	39	52	62	71	78	86	107	129	174	264	93	81	1.69
TRINIDAD SITE 01	* 68	94	27	58	69	81	91	100	114	133	154	182	296	113	102	1.61
CONNECTICUT BRIDGEPORT SITE 01	*68	31	44	54	63	73	79	83	86	91	100	103	143	83	80	1.32
HARTFORD SITE 01	68	26	28	32	40	41	55	61	66	75	87	118	165	67	60	1.58
NEW BRITAIN SITE 01	*66	30	29	59	67	74	81	84	100	109	128	137	206	97	91	1.49
NEW HAVEN SITE 01	68	26	32	40	49	52	56	68	83	89	96	119	145	74	68	1.51
NORWICH SITE 01	*68	27	42	44	50	58	62	67	71	74	94	111	179	73	68	1.42
STAMFORD SITE 01	*68	22	25	41	65	70	79	85	107	125	127	171	179	98	88	1.66
DELAWARE NEWARK SITE 01	68	25	17	38	49	54	58	66	78	92	94	104	123	71	64	1.63
WILMINGTON SITE 01	68	23	79	82	83	89	107	122	131	146	155	164	261	125	119	1.38
DC WASHINGTON SITE 01	68	26	27	56	69	72	76	82	94	113	121	129	176	92	86	1.47
FLORIDA JACKSONVILLE SITE 02	68	25	21	51	56	67	73	81	92	105	110	125	132	84	78	1.53
MIAMI SITE 02	*58	23	22	29	36	36	41	45	46	55	64	69	94	49	46	1.46
PUNTA GORDA SITE 01	*66	22	10	11	18	18	20	22	25	61	64	65	67	34	27	1.92
TAMPA SITE 02	68	24	48	50	57	69	72	80	86	93	122	211	295	99	87	1.62
WINTER HAVEN SITE 01	* 68	25	22	23	28	36	41	42	44	52	55	71	108	46	42	1.50
GEORGIA ATLANTA SITE 01	68	26	23	44	59	65	80	84	96	115	121	138	181	90	81	1.61
AUGUSTA SITE 01	* 68	26	36	47	58	63	65	75	96	118	151	172	214	99	87	1.67
BRUNSWICK SITE 01	* 68	28	29	42	49	61	68	69	78	81	88	132	201	78	71	1.52
LYONS SITE 01	* 68	23	9	11	16	17	31	31	35	40	48	71	82	35	29	1.90
ROME SITE 01	* 68	26	30	56	59	60	65	69	72	82	95	104	170	78	73	1.41
ROSSVILLE SITE 01	* 68	27	33	60	78	113	123	188	232	245	402	483	759	235	175	2.26
SAVANNAH SITE 01	* 68	25	46	65	74	77	83	88	106	135	148	218	412	124	107	1.70

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
GEORGIA VALDOSTA SITE 01	*68	24	48	50	66	77	82	89	95	105	151	157	329	106	95	1.56
HAWAII HONOLULU SITE 01	68	26	24	27	29	35	38	40	44	50	54	74	83	45	42	1.41
IDAHO BOISE SITE 01	68	26	25	29	34	44	59	62	69	77	92	129	154	67	59	1.67
ILLINOIS BLUE ISLAND SITE 01	*68	135	27	55	66	87	104	111	123	151	187	231	419	130	112	1.74
CALUMET CITY SITE 01	*68	135	27	54	70	84	93	100	114	133	147	189	342	114	102	1.62
CHICAGO SITE 01	68	25	44	62	72	79	93	115	117	160	176	211	257	124	112	1.60
SITE 02	68	151	37	97	118	135	156	173	189	208	229	268	496	179	165	1.51
CHICAGO HEIGHTS SITE 01	*68	137	14	34	46	51	57	64	73	88	97	130	319	76	66	1.69
CICERO SITE 01	*68	142	40	60	79	93	107	116	129	155	177	201	376	128	115	1.60
COOK COUNTY SITE 01	*68	137	22	55	73	91	103	115	140	149	191	221	391	132	115	1.72
EAST ST LOUIS SITE 01	68	26	53	72	82	97	108	114	122	128	159	186	229	121	114	1.45
FLOSSMOOR SITE 01	*68	136	11	30	40	49	56	65	74	85	99	125	247	74	63	1.80
FRANKLIN PARK SITE 01	*68	146	16	36	53	58	73	84	101	116	132	165	327	93	81	1.74
HARVEY SITE 01	*68	143	16	48	66	77	87	93	105	121	153	179	348	108	95	1.69
HILLSIDE SITE 01	*68	143	17	44	55	66	79	88	100	111	123	157	269	96	85	1.67
JOLIET SITE 01	68	22	51	68	91	107	110	120	140	147	151	182	233	125	116	1.48
MIDLOTHIAN SITE 01	*68	136	20	46	59	64	77	86	99	116	142	198	329	104	89	1.75
NILES SITE 01	*68	129	8	26	41	55	64	71	92	109	132	168	324	89	72	2.00
ORLAND PARK SITE 01	*68	140	18	39	58	67	76	87	101	116	143	180	383	102	87	1.77
PALATINE SITE 01	*68	138	5	24	33	43	55	64	77	97	109	140	226	76	61	2.01
RIVER FOREST SITE 01	*68	132	21	41	57	68	89	98	117	134	151	175	280	107	93	1.74
ROCKFORD SITE 01	68	26	32	37	55	58	64	72	85	90	94	130	274	83	74	1.60
SPRINGFIELD SITE 01	68	23	35	49	51	59	63	65	71	78	79	95	108	68	66	1.30
WILMETTE SITE 01	*68	138	12	29	39	49	58	67	78	88	110	148	790	81	66	1.89
INDIANA EAST CHICAGO SITE 01	68	26	73	90	95	110	116	134	147	172	182	354	390	161	144	1.57
HAMMOND SITE 01	68	26	51	57	62	77	82	86	93	120	134	177	235	104	95	1.52
INDIANAPOLIS SITE 01	68	25	65	78	91	111	114	118	13[illegible]	139	145	187	252	128	122	1.38
SOUTH BEND SITE 01	68	24	44	48	60	80	92	113	144	159	175	220	706	146	115	1.93

*Data contributed by state or local agency.

Table 4-1-(continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
IOWA CEDAR RAPIDS SITE 01	68	26	45	54	62	64	73	89	106	124	148	171	188	100	91	1.54
DES MOINES SITE 01	68	26	43	44	67	76	81	84	91	104	122	209	240	100	90	1.60
DUBUQUE SITE 01	68	23	15	69	81	90	97	102	126	152	157	192	248	122	108	1.76
KANSAS KANSAS CITY SITE 01	68	25	39	55	63	67	79	92	101	106	110	135	197	93	87	1.45
TOPEKA SITE 01	68	26	13	18	50	56	63	67	69	81	89	103	236	72	61	1.85
WICHITA SITE 01	68	25	25	36	41	51	56	64	65	70	70	77	96	60	58	1.37
KENTUCKY ASHLAND SITE 02	68	23	50	70	75	109	111	121	154	163	177	188	249	132	122	1.53
COVINGTON SITE 01	68	25	34	53	55	67	79	87	93	103	121	139	159	90	83	1.50
LEXINGTON SITE 01	68	25	30	42	63	69	74	82	89	96	102	134	167	85	79	1.52
LOUISVILLE SITE 01	68	25	74	93	111	129	145	159	171	186	191	316	415	176	161	1.54
LOUISIANA NEW ORLEANS SITE 02	68	26	51	56	66	76	83	88	90	101	103	106	150	87	84	1.28
MAINE PORTLAND SITE 02	68	22	32	42	48	52	56	59	80	93	125	151	345	93	75	1.85
MARYLAND BALTIMORE SITE 01	68	26	36	52	74	79	84	90	96	113	149	194	276	110	98	1.60
MASSACHUSETTS BOSTON SITE 01	68	25	43	56	69	82	88	100	101	109	115	151	176	98	93	1.42
WORCESTER SITE 01	68	25	32	38	46	60	62	73	86	97	106	131	211	82	74	1.61
MICHIGAN DETROIT SITE 01	68	26	42	61	77	90	131	136	169	195	224	283	300	154	134	1.75
FLINT SITE 01	68	26	35	38	43	57	61	65	77	85	102	126	192	77	69	1.56
GRAND RAPIDS SITE 01	68	26	36	42	45	67	84	100	112	118	140	162	256	104	90	1.73
TRENTON SITE 01	68	25	46	68	72	85	89	93	112	144	155	213	251	117	107	1.56
MINNESOTA DULUTH SITE 01	68	24	18	24	31	42	49	53	80	95	131	203	270	86	64	2.15
MINNEAPOLIS SITE 01	68	26	28	43	48	53	63	73	81	88	95	106	361	84	72	1.66
MOORHEAD SITE 01	68	26	11	38	49	54	60	64	72	89	106	131	317	81	66	1.92
ST PAUL SITE 01	68	26	31	39	54	58	62	66	105	110	127	261	307	104	84	1.89
MISSISSIPPI JACKSON SITE 02	68	26	28	39	68	68	72	77	84	93	94	112	154	80	75	1.47
MISSOURI KANSAS CITY SITE 01	68	25	25	49	62	84	88	93	106	114	123	183	242	105	94	1.63
ST LOUIS SITE 02	69	155	45	72	90	103	114	127	145	173	196	256	378	148	132	1.60

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
MISSOURI ST LOUIS SITE 07	*68	49	43	64	86	110	137	153	170	191	267	324	605	178	151	1.79
SITE 12	*68	44	28	42	48	63	68	78	97	112	116	126	240	87	78	1.60
MONTANA HELENA SITE 01	68	24	12	20	25	32	38	40	47	50	64	90	202	52	41	1.93
NEBRASKA OMAHA SITE 01	68	25	57	79	86	103	108	123	129	174	208	240	353	151	136	1.60
NEVADA LAS VEGAS SITE 01	68	25	51	60	71	77	80	89	117	133	149	184	190	108	100	1.50
RENO SITE 01	68	26	35	45	51	53	65	75	101	137	153	230	253	107	89	1.84
NEW HAMPSHIRE CONCORD SITE 01	68	25	12	14	16	26	27	35	38	44	55	78	88	39	33	1.79
NEW JERSEY BAYONNE SITE 01	68	21	27	53	57	68	72	85	92	126	149	154	176	97	86	1.66
BURLINGTON COUNTY SITE 02	68	26	15	43	53	62	66	74	89	103	122	145	196	87	76	1.75
CAMDEN SITE 01	68	26	67	72	89	102	111	123	128	139	168	223	236	131	123	1.44
GLASSBORO SITE 01	68	25	15	39	46	53	56	59	69	82	88	130	138	71	64	1.66
HAMILTON SITE 01	68	23	26	47	53	63	67	78	86	93	106	154	209	85	77	1.59
JERSEY CITY SITE 01	68	25	31	63	67	88	95	102	114	124	137	172	239	109	101	1.53
NEWARK SITE 01	68	24	32	41	58	68	75	90	95	102	116	161	200	93	85	1.60
PATERSON SITE 01	68	26	31	40	48	59	71	80	91	104	110	143	241	88	78	1.65
PERTH AMBOY SITE 01	68	26	39	49	69	73	79	82	96	103	111	139	210	92	85	1.49
TRENTON SITE 01	68	24	28	41	47	52	56	62	65	75	90	99	132	67	62	1.45
NEW MEXICO ALBUQUERQUE SITE 01	68	26	35	47	57	78	89	90	94	113	121	134	190	94	87	1.53
NEW YORK AKRON SITE 01	*68	53	23	37	49	57	62	71	86	102	110	125	182	80	72	1.61
ALBANY SITE 02	*68	59	27	69	86	98	107	121	135	150	176	196	267	128	117	1.54
BABYLON SITE 01	*68	57	6	33	41	49	56	61	68	76	90	115	163	67	59	1.72
BINGHAMTON SITE 02	*68	44	33	45	50	60	64	70	74	77	95	115	145	74	70	1.41
SITE 03	*68	58	21	37	46	52	61	65	77	85	94	114	185	73	66	1.57
BUFFALO SITE 01	*68	51	47	59	67	75	84	93	97	114	130	193	303	109	98	1.56
SITE 02	*68	59	38	53	61	64	74	80	86	93	116	140	339	92	84	1.49
SITE 03	*68	54	12	78	105	141	152	180	218	226	286	369	523	204	172	1.90
CHEEKTOWAGA NW SITE 01	*68	59	30	52	73	82	95	100	110	127	139	199	300	110	100	1.58
COHOES SITE 01	*68	52	16	34	46	54	62	70	75	89	102	123	177	75	67	1.67

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK COLONIE SITE 01	*68	56	23	35	43	49	60	66	71	80	88	97	152	67	62	1.52
COLUMBIA COUNTY SITE 01	*68	56	8	21	24	27	29	33	38	43	49	64	82	37	34	1.59
DUTCHESS COUNTY SITE 01	*68	57	13	20	26	34	37	39	43	47	61	69	97	43	39	1.58
EAST SYRACUSE SITE 01	*68	57	20	59	63	71	93	112	122	125	137	178	377	111	97	1.72
ELLENVILLE SITE 01	*68	55	17	33	50	57	65	72	80	86	101	114	195	76	68	1.66
ELMIRA SITE 01	*68	56	26	38	42	49	60	64	66	75	79	85	121	63	59	1.42
ENDICOTT SITE 01	*68	48	7	26	40	42	49	59	69	76	90	119	168	65	54	1.93
SITE 02	*68	50	11	23	38	44	53	60	75	87	97	135	244	73	60	1.93
ERIE COUNTY SITE 01	*68	51	33	52	58	62	72	77	82	87	96	121	255	85	78	1.49
SITE 11	*68	61	9	17	21	26	30	35	38	42	48	62	86	36	32	1.66
GARDEN CITY SITE 01	*68	49	22	38	44	51	54	59	61	72	79	103	159	64	59	1.44
GLENS FALLS SITE 01	*68	58	21	30	39	45	51	52	58	66	75	91	225	60	54	1.56
JOHNSON CITY SITE 01	*68	48	14	43	48	54	64	72	78	86	100	106	353	79	69	1.67
JOHNSTOWN SITE 01	*68	56	13	18	30	34	40	42	46	51	60	70	93	44	40	1.59
KINGSTON SITE 01	*68	49	29	39	53	66	70	76	83	93	108	149	171	84	77	1.53
LACAWANNA SITE 01	*68	58	44	83	127	154	178	235	256	299	375	460	508	244	206	1.85
SITE 02	*68	59	30	64	95	107	125	144	177	234	284	342	431	182	153	1.85
LEWISTON SITE 01	*68	61	18	35	44	60	72	79	92	123	141	181	314	99	80	1.96
LOCKPORT SITE 02	*68	57	20	30	41	50	63	68	77	84	99	120	157	71	64	1.64
SITE 04	*68	48	20	35	43	54	65	70	85	100	128	141	187	82	71	1.74
MASSENA SITE 01	*68	56	12	15	21	26	31	34	39	47	60	73	98	40	35	1.70
MONROE COUNTY SITE 01	*68	61	17	35	44	54	58	64	74	88	99	119	163	72	65	1.64
MT VERNON SITE 01	*66	57	33	44	56	59	72	79	94	110	124	141	290	90	81	1.58
NEW PALTZ SITE 01	*68	46	34	50	60	66	70	72	86	91	106	140	247	86	80	1.48
NEW ROCHELLE SITE 02	*68	59	39	54	66	71	75	81	88	107	126	136	199	91	86	1.42
NEW YORK CITY SITE 01	68	53	49	77	93	99	108	117	125	139	176	201	241	127	118	1.45
NIAGARA COUNTY SITE 01	*68	54	20	32	42	53	56	64	80	89	97	112	141	69	63	1.60
NIAGARA FALLS SITE 01	*68	54	35	68	80	91	101	113	140	159	192	201	406	133	119	1.63
SITE 02	*68	54	23	43	78	93	107	115	140	172	201	235	370	138	115	1.92
NORTH TONAWANDA SITE 01	*68	56	35	59	81	91	110	119	140	167	182	267	383	142	122	1.74
SITE 02	*68	53	24	37	45	59	71	85	98	113	128	172	375	100	83	1.84

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³														Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK NORTH TONAWANDA SITE 04	*68	54	53	98	123	154	189	206	228	248	307	372	664	222	194	1.71
SITE 05	*68	61	30	60	74	83	88	96	110	121	139	167	298	109	99	1.56
ONONDAGA COUNTY SITE 01	*68	50	3	18	25	33	39	44	52	59	69	90	106	49	41	1.98
SITE 02	*68	58	15	33	41	62	74	95	112	133	192	268	374	118	90	2.14
OSSINING SITE 01	*68	58	30	34	41	50	57	62	71	89	96	109	141	70	64	1.52
PEEKSKILL SITE 01	*68	59	33	42	51	63	71	78	85	96	110	134	295	84	77	1.53
POUGHKEEPSIE SITE 01	*68	65	20	27	35	38	42	54	58	65	82	96	135	57	51	1.62
RENSSELAER COUNTY SITE 01	*68	61	28	57	66	72	80	87	92	99	105	118	143	86	82	1.40
SITE 11	*68	58	5	12	15	18	22	26	28	37	41	51	87	30	25	1.79
ROCHESTER SITE 01	*68	52	38	67	75	81	94	98	113	134	162	181	275	116	105	1.55
SITE 02	*68	61	30	48	58	64	72	77	86	91	95	122	142	80	75	1.42
SITE 03	*68	61	22	48	63	77	81	93	104	112	130	156	201	98	89	1.56
ROCKLAND COUNTY SITE 01	*68	60	20	33	44	56	64	67	68	82	87	96	141	68	62	1.57
ROME SITE 01	*68	51	21	46	52	57	64	69	77	83	93	114	272	78	70	1.59
RYE SITE 01	*68	61	29	36	42	47	53	60	71	80	86	98	122	65	61	1.46
SAUGERTIES SITE 01	*68	40	27	45	58	63	74	80	86	92	105	126	513	95	82	1.65
SCHENECTADY SITE 01	*68	53	18	36	43	51	55	62	66	79	90	105	133	67	62	1.52
SITE 02	*68	57	15	37	44	53	60	68	75	86	98	121	136	72	65	1.62
SCHENECTADY COUNTY SITE 01	*68	53	10	18	23	28	34	41	47	57	69	77	134	45	39	1.78
SITE 11	*68	61	8	26	33	38	40	44	49	55	68	80	117	50	45	1.63
SCHOHARIE COUNTY SITE 02	*68	54	17	28	39	51	60	63	84	109	137	152	342	87	70	1.96
SLOAN SITE 01	*68	61	10	41	61	70	81	95	104	114	130	225	300	107	91	1.81
SOLVAY SITE 01	*68	56	23	37	45	51	54	63	79	93	111	143	289	79	69	1.70
SOUTHAMPTON SITE 01	*68	55	17	29	32	38	41	45	48	61	69	80	119	51	46	1.55
SUFFERN SITE 01	*68	60	17	25	34	39	45	54	58	64	80	99	113	56	51	1.61
SUFFOLK COUNTY SITE 01	*68	59	15	25	32	42	48	54	61	70	79	101	152	58	51	1.66
SITE 02	*68	57	17	26	33	34	38	42	48	56	68	85	115	49	45	1.56
SITE 11	*68	57	21	26	35	40	45	51	55	68	76	106	160	58	52	1.61
SITE 22	*68	53	11	29	39	42	55	61	72	89	100	122	142	68	60	1.75
SYRACUSE SITE 01	*68	58	19	62	88	102	123	143	168	195	242	321	692	173	142	1.91
SITE 03	*68	58	5	44	58	75	81	91	102	128	155	200	372	111	92	1.96
SITE 04	*68	56	10	57	67	75	90	97	108	118	130	166	282	105	95	1.60
TROY SITE 02	*68	61	14	32	40	46	52	55	58	62	69	84	108	56	52	1.49

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK UTICA SITE 01	*68	55	29	55	59	74	80	92	96	109	129	161	240	98	90	1.54
WEBSTER SITE 01	*68	60	8	16	25	28	32	35	38	49	55	68	86	40	35	1.67
WESTCHESTER COUNTY SITE 01	*68	60	20	31	42	46	52	54	62	76	99	104	151	65	59	1.57
YONKERS SITE 01	*68	46	68	100	119	139	167	175	185	238	284	328	353	194	177	1.56
NORTH CAROLINA CHARLOTTE SITE 01	68	25	42	51	65	88	94	98	106	128	186	239	492	130	109	1.78
DURHAM SITE 01	68	23	54	78	105	121	131	140	144	174	178	191	261	142	133	1.66
NORTH DAKOTA BISMARCK SITE 01	68	26	27	32	45	49	58	66	69	94	110	165	256	84	70	1.80
FARGO SITE 01	*68	26	10	27	35	39	40	45	53	68	76	146	387	73	53	2.14
MINOT SITE 01	*68	26	14	28	35	38	53	56	60	71	83	148	891	117	62	2.54
OHIO AKRON SITE 01	68	25	28	59	77	89	101	121	131	134	143	207	218	120	109	1.60
CANTON SITE 01	*68	25	75	87	96	104	109	122	137	143	150	166	236	128	123	1.32
CINCINNATI SITE 01	68	26	31	49	74	77	87	96	114	138	158	183	227	110	99	1.64
SITE 02	68	25	22	37	48	64	71	84	88	102	107	135	193	87	78	1.67
SITE 03	68	159	32	57	68	82	90	102	115	127	146	204	462	115	103	1.58
CLEVELAND SITE 01	68	26	50	82	92	101	119	125	146	177	191	218	253	139	129	1.47
COLUMBUS SITE 01	68	24	38	55	72	83	87	92	106	112	126	130	167	96	91	1.40
DAYTON SITE 01	68	26	32	59	74	91	95	103	109	135	142	179	229	112	103	1.55
HAMILTON SITE 01	*68	25	36	56	62	79	91	102	113	135	165	178	280	114	102	1.61
LORAIN SITE 01	*68	25	23	37	56	63	69	72	77	92	102	170	218	90	78	1.71
STEUBENVILLE SITE 01	*68	26	163	173	221	261	295	340	400	427	442	543	1581	368	331	1.58
TOLEDO SITE 01	68	26	38	40	55	61	74	85	98	113	132	161	144	91	83	1.54
YOUNGSTOWN SITE 01	68	26	55	57	60	82	93	106	121	133	162	204	320	125	112	1.58
OKLAHOMA OKLAHOMA CITY SITE 01	68	23	21	27	35	40	47	53	55	59	71	80	105	53	49	1.50
TULSA SITE 01	68	26	19	29	33	36	43	45	48	54	58	83	124	50	45	1.53
OREGON MEDFORD SITE 01	68	25	30	49	59	70	92	111	128	160	173	203	394	137	112	1.93
PORTLAND SITE 01	68	26	16	23	40	45	56	61	83	92	107	127	327	79	64	1.94
PENNSYLVANIA ALLENTOWN SITE 01	68	26	45	51	64	69	71	76	87	108	115	148	197	89	83	1.46
ALTOONA SITE 01	68	23	46	51	58	63	71	75	85	95	101	161	273	92	83	1.55

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
PENNSYLVANIA BETHLEHEM SITE 02	68	24	38	59	60	67	79	82	91	105	137	150	210	96	87	1.56
HARRISBURG SITE 01	68	26	29	32	43	46	58	59	64	76	80	117	188	67	61	1.58
HAZELTON SITE 01	68	24	49	61	73	80	81	98	109	124	158	192	301	117	105	1.60
JOHNSTOWN SITE 01	68	24	67	72	98	127	132	144	165	181	222	340	495	176	152	1.67
PHILADELPHIA SITE 01	68	26	24	64	79	94	113	114	130	147	161	188	331	125	112	1.68
PITTSBURGH SITE 01	68	26	69	90	115	120	135	150	189	219	243	311	385	180	161	1.60
READING SITE 01	68	25	62	84	92	98	99	126	138	151	178	214	222	133	125	1.43
SCRANTON SITE 01	68	26	85	110	144	170	194	234	286	336	372	446	607	264	232	1.68
WARMINSTER SITE 01	68	25	19	28	37	46	53	67	73	85	90	133	202	76	63	1.89
WEST CHESTER SITE 01	68	25	31	43	47	55	57	62	63	68	73	81	108	62	60	1.33
WILKES BARRE SITE 01	68	25	37	68	78	92	109	131	142	155	164	174	229	125	116	1.52
YORK SITE 01	68	25	27	69	86	95	99	113	118	119	130	160	212	112	105	1.50
PUERTO RICO BAYAMON SITE 01	68	26	53	60	63	69	75	81	91	102	113	132	171	91	86	1.38
CATANO SITE 02	68	26	72	77	90	93	106	123	137	142	162	218	317	137	126	1.48
GUAYANILLA SITE 01	68	26	16	17	19	21	22	24	29	33	34	43	61	28	26	1.42
PONCE SITE 01	68	25	91	112	131	161	182	194	213	242	304	323	342	210	196	1.47
RHODE ISLAND EAST PROVIDENCE SITE 01	68	26	30	34	41	52	59	61	69	78	88	109	120	67	62	1.48
PROVIDENCE SITE 01	68	26	47	59	64	66	71	74	104	116	123	144	167	92	86	1.45
SOUTH CAROLINA COLUMBIA SITE 01	68	24	30	35	41	53	60	72	85	104	123	213	228	91	76	1.82
GREENVILLE SITE 01	68	25	34	52	52	64	65	74	83	126	157	266	410	116	92	1.91
SOUTH DAKOTA SIOUX FALLS SITE 01	68	23	23	32	40	40	49	52	56	61	67	108	392	69	55	1.76
TENNESSEE CHATTANOOGA SITE 01	68	25	60	66	70	98	128	142	149	164	167	261	424	153	135	1.67
KNOXVILLE SITE 01	68	26	39	46	73	76	86	110	117	145	153	180	260	112	100	1.66
MEMPHIS SITE 01	68	25	22	43	46	60	65	73	78	95	106	127	187	81	73	1.58
NASHVILLE SITE 01	68	25	43	47	59	73	80	107	112	142	153	209	306	116	101	1.70
TEXAS AUSTIN SITE 01	*68	24	10	27	53	57	60	63	86	86	91	99	142	70	62	1.77
BAYTOWN SITE 01	*68	25	12	18	22	23	25	28	29	31	33	42	51	29	27	1.40

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS																
BAYTOWN SITE 02	*68	27	26	37	44	56	58	62	64	65	71	90	107	62	58	1.41
CLUTE CITY SITE 01	*68	24	33	45	54	58	59	70	82	87	94	118	177	76	71	1.46
CORPUS CHRISTI SITE 01	*68	26	36	41	45	48	52	52	56	70	76	91	118	61	58	1.37
SITE 02	*68	26	22	24	31	36	41	42	46	50	53	58	61	42	40	1.35
DALLAS SITE 02	68	26	27	40	56	62	65	76	85	87	88	104	152	76	71	1.46
FT WORTH SITE 01	*68	26	33	48	52	53	60	70	71	80	85	114	158	74	69	1.44
GALVESTON SITE 01	*68	25	23	33	35	36	37	42	43	47	50	62	70	43	42	1.32
HOUSTON SITE 01	68	26	49	53	57	58	63	64	72	78	90	127	194	79	74	1.42
LAREDO SITE 01	*68	27	13	37	64	95	104	118	128	131	134	146	237	107	92	1.90
LUBBOCK SITE 01	*68	26	20	41	50	58	68	74	82	100	108	139	164	80	72	1.66
MCALLEN SITE 01	*68	26	24	37	48	62	72	75	86	104	112	130	136	81	73	1.60
ODESSA SITE 01	*68	25	42	46	53	57	58	62	73	90	100	119	204	78	72	1.48
ORANGE SITE 01	*68	25	30	39	43	52	54	60	65	68	75	95	196	66	60	1.51
PASADENA SITE 01	68	26	34	38	42	45	53	55	69	88	92	102	152	68	62	1.50
SAN ANTONIO SITE 01	68	26	28	33	44	49	54	56	59	60	68	83	196	63	57	1.52
SITE 01	*68	99	1	39	48	52	55	60	65	75	89	100	182	68	61	1.74
SITE 03	*68	109	8	17	24	27	31	36	40	46	49	62	177	39	34	1.69
SITE 04	*68	111	9	18	21	23	27	29	33	38	43	50	99	32	29	1.56
SITE 05	*68	121	5	22	27	32	37	41	43	47	54	66	117	43	39	1.59
SITE 06	*68	119	8	16	20	24	26	30	34	36	42	57	113	33	29	1.66
SITE 07	*68	118	7	44	59	68	72	78	86	96	118	130	179	85	76	1.69
SITE 08	*68	121	9	23	27	29	34	38	44	52	62	71	119	44	40	1.56
SITE 09	*68	119	3	17	22	24	28	30	34	39	42	47	79	32	29	1.57
SITE 11	*68	119	3	20	26	29	32	35	38	47	51	66	110	39	35	1.61
SITE 12	*68	108	38	72	87	96	107	122	134	152	169	193	312	130	121	1.49
SITE 13	*68	111	12	47	55	62	65	73	76	84	91	99	143	74	70	1.42
SITE 14	*68	114	7	17	23	28	31	35	39	43	49	57	123	37	33	1.63
SITE 15	*68	121	29	47	53	66	72	78	85	90	96	110	264	80	75	1.45
SITE 17	*68	120	7	25	29	36	40	45	52	57	65	77	114	49	44	1.59
SITE 18	*68	121	13	26	34	40	44	50	55	61	64	71	206	52	47	1.54
SITE 19	*68	118	10	20	26	34	40	44	50	55	63	76	107	46	41	1.65
SITE 20	*68	111	6	25	30	35	39	45	52	55	61	72	171	48	43	1.64
SITE 21	*68	110	11	17	22	25	27	29	33	36	42	47	123	33	30	1.53
TEXAS CITY SITE 01	*68	26	24	28	37	39	41	44	47	51	53	60	70	44	43	1.31
TYLER SITE 01	*68	25	12	29	32	38	43	49	52	60	65	75	109	51	47	1.56
WACO SITE 01	*68	26	15	46	57	66	69	69	74	83	86	94	154	74	68	1.55

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS WICHITA FALLS SITE 01	*68	25	33	55	63	79	81	86	88	104	110	176	222	99	90	1.56
UTAH OGDEN SITE 01	68	25	19	27	37	41	43	51	54	61	67	111	200	62	53	1.72
SALT LAKE CITY SITE 01	68	26	23	31	45	48	55	64	69	77	92	166	206	76	65	1.73
VERMONT BURLINGTON SITE 01	68	24	19	22	24	33	38	42	45	50	63	72	77	44	40	1.53
VIRGINIA DANVILLE SITE 01	68	25	22	37	44	64	70	77	82	96	101	191	425	99	79	1.91
HAMPTON SITE 01	68	26	22	33	43	46	61	63	76	80	85	104	117	66	60	1.58
LYNCHBURG SITE 01	68	26	61	67	71	78	99	111	115	152	163	225	259	123	111	1.55
NORFOLK SITE 01	68	26	46	50	82	86	91	96	106	116	132	151	172	101	95	1.43
PORTSMOUTH SITE 01	68	26	32	46	86	88	116	126	138	141	162	188	243	123	110	1.65
RICHMOND SITE 02	68	26	31	51	58	61	75	76	92	102	108	131	158	84	78	1.49
ROANOKE SITE 01	68	25	21	38	43	63	73	77	82	96	125	191	249	92	77	1.84
WASHINGTON AUBURN SITE 01	*68	100	8	[illegible]	25	31	38	45	54	65	79	101	166	55	46	1.83
BELLEVUE SITE 01	*68	102	13	21	27	32	36	43	48	59	68	79	183	48	42	1.68
BREMERTON SITE 01	*68	94	11	27	29	35	39	42	48	52	60	67	151	46	42	1.60
EVERETT SITE 01	*68	90	15	23	29	32	35	39	52	62	66	91	227	52	44	1.76
SITE 02	*68	83	15	30	38	42	47	48	57	64	77	98	215	59	52	1.60
MARYSVILLE SITE 01	*68	86	14	23	30	35	42	49	58	65	78	97	282	60	50	1.80
OLYMPIA SITE 01	*68	100	8	16	22	30	33	40	47	54	62	81	182	48	39	1.89
PIERCE COUNTY SITE 01	*68	88	10	24	36	47	57	66	81	104	127	169	309	84	66	2.04
RENTON SITE 01	*68	103	9	16	22	28	34	38	46	54	60	64	167	46	38	1.86
SEATTLE SITE 01	68	26	30	32	36	39	46	53	64	79	85	131	167	67	58	1.68
SITE 01	*68	84	30	39	46	51	57	65	72	81	96	117	210	75	67	1.57
SITE 02	*68	98	7	30	42	47	50	55	64	71	85	101	222	64	57	1.61
SITE 05	*68	102	34	51	63	82	92	102	111	130	155	193	531	123	104	1.74
SITE 06	*68	100	18	31	36	42	48	53	61	73	86	106	233	63	56	1.62
SITE 07	*68	102	15	31	37	41	47	54	60	66	79	97	285	64	55	1.66
SITE 09	*68	103	18	32	35	40	44	47	52	63	71	84	133	53	49	1.48
SPOKANE SITE 01	*68	80	21	33	45	52	62	72	79	83	116	129	348	80	70	1.70
TACOMA SITE 01	*68	98	16	30	35	40	49	59	73	90	112	147	273	78	63	1.91
SITE 02	*68	86	11	19	28	31	43	48	57	72	84	120	192	59	48	1.95
SITE 03	*68	90	11	17	24	28	32	40	50	57	72	82	108	47	40	1.78

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency di bution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WASHINGTON TACOMA SITE 04	*68	100	8	45	58	66	74	80	101	113	141	183	346	101	87	1.79
VANCOUVER SITE 01	*68	99	7	29	39	43	48	54	58	68	85	107	148	60	54	1.64
WEST VIRGINIA CHARLESTON SITE 01	68	26	43	96	132	135	169	242	392	402	425	510	977	306	239	2.11
WISCONSIN EAU CLAIRE SITE 01	68	24	8	27	30	36	39	40	45	48	59	72	79	43	39	1.64
KENOSHA SITE 01	68	26	29	35	45	50	52	56	71	80	92	120	154	70	64	1.57
MADISON SITE 01	68	25	23	30	42	48	52	57	62	71	81	141	282	75	62	1.79
MILWAUKEE SITE 01	68	25	40	65	86	93	96	165	179	229	249	272	433	165	139	1.83
SUPERIOR SITE 01	68	24	28	41	47	57	61	67	93	96	122	143	186	84	75	1.64
WYOMING CASPER SITE 01	68	26	19	29	42	44	49	52	64	69	71	119	126	61	55	1.59
CHEYENNE SITE 01	68	26	12	14	20	21	28	30	34	36	39	48	99	32	29	1.61

*Data contributed by state or local agency.

Table 4-2. SUSPENDED PARTICULATE MATTER, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³														Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	5	8	10	12	13	16	29	32	40	77	126	31	21	2.36
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	2	13	17	19	21	24	25	25	33	38	50	24	21	1.92
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	20	24	29	39	45	50	58	65	66	87	137	53	48	1.62
COLORADO ARAPAHOE COUNTY SITE 01	* 68	85	7	19	22	30	34	38	43	48	54	71	194	43	37	1.75
MESA VERDE NAT PK SITE 01	68	21	4	5	6	8	9	11	13	15	19	27	50	14	11	1.98
DELAWARE KENT COUNTY SITE 01	68	24	12	23	26	32	37	41	44	48	59	75	83	43	39	1.58
IDAHO BUTTE COUNTY SITE 01	68	24	3	4	5	5	6	7	10	15	16	22	32	11	9	1.94
INDIANA MONROE COUNTY SITE 01	68	24	8	24	31	33	35	38	43	44	48	76	92	42	38	1.62
PARKE COUNTY SITE 01	68	25	9	17	27	29	36	37	42	48	49	54	224	44	37	1.77
MAINE ACADIA NAT PK SITE 01	68	26	4	10	13	14	21	25	30	33	33	43	50	25	22	1.85
MARYLAND CALVERT COUNTY SITE 01	68	23	20	30	32	34	36	38	45	50	57	63	94	44	42	1.43
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	13	14	16	18	20	23	23	26	31	43	45	25	23	1.43
MISSOURI SHANNON COUNTY SITE 01	68	25	12	18	19	23	25	25	28	29	33	39	41	27	26	1.36
MONTANA GLACIER NAT PK SITE 01	68	25	2	5	5	6	6	7	8	12	13	25	36	11	8	2.03
NEBRASKA THOMAS COUNTY SITE 01	68	24	6	10	10	13	16	17	20	23	34	50	63	22	19	1.85
NEVADA WHITE PINE COUNTY SITE 01	68	26	1	2	4	5	7	8	9	13	19	24	29	11	8	2.38
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	5	9	9	10	12	16	19	22	29	30	42	18	15	1.80
NEW YORK JEFFERSON COUNTY SITE 01	68	26	4	9	9	11	16	22	26	37	44	52	102	28	21	2.26
MONROE COUNTY SITE 02	* 68	61	12	29	26	33	37	42	51	56	65	73	132	47	42	1.63
NIAGARA COUNTY SITE 02	* 68	58	13	30	36	42	48	56	64	75	92	109	155	63	55	1.69
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	15	22	23	31	39	44	53	61	66	116	226	58	47	1.93
NORTH DAKOTA WARD COUNTY SITE 01	* 68	26	4	10	14	16	16	17	24	28	34	52	69	25	20	1.94
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	10	13	15	20	23	25	28	30	34	36	54	26	24	1.52

*Data contributed by state or local agency.

Table 4-2 (continued). SUSPENDED PARTICULATE MATTER, NONURBAN FREQUENCY DISTRIBUTIONS.

Station location	Year	No. of samples	Concentration, μg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
OREGON CURRY COUNTY SITE 01	68	26	16	25	30	36	42	53	64	72	74	78	123	55	49	1.66
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	11	24	27	29	30	34	39	41	50	58	76	38	35	1.54
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	3	16	21	25	29	37	42	49	61	102	144	46	35	2.21
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	11	20	22	29	34	36	37	40	45	58	84	37	34	1.56
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	3	4	5	5	8	8	9	12	13	15	28	10	8	1.77
TEXAS CHAMBERS COUNTY SITE 01	* 68	24	8	14	18	23	25	27	31	35	39	42	65	28	26	1.54
SITE 02	* 68	24	17	23	28	33	35	37	41	43	54	56	65	39	37	1.41
MATAGORDA COUNTY SITE 01	68	25	5	19	20	23	25	25	27	29	32	36	39	26	25	1.49
VERMONT ORANGE COUNTY SITE 01	68	26	12	14	19	21	23	26	33	36	42	59	80	32	28	1.66
VIRGINIA SHENANDOAH NAT PK SITE 01	68	25	10	14	22	24	28	29	33	36	37	43	49	29	27	1.51
WASHINGTON KING COUNTY SITE 01	* 68	96	2	5	7	8	9	13	19	26	33	54	118	22	15	2.49
WYOMING YELLOWSTONE PARK SITE 01	68	26	2	3	3	4	5	5	6	8	8	17	58	8	6	2.07

*Data contributed by state or local agency.

Table 4-3. SUSPENDED PARTICULATE MATTER, DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	136	421
Site 03	1968	16	97	437
California				
Fresno				
Site 01	1968	6	40	130
Pasadena				
Site 02	1968	6	77	170
Illinois				
Rock Island				
Site 01	1968	16	46	298
Indiana				
Muncie				
Site 01	1968	16	23	104
New Albany				
Site 01	1968	14	83	347
Site 02	1968	21	24	197
Terre Haute				
Site 01	1968	21	45	200
Iowa				
Davenport				
Site 01	1968	23	71	291
Dubuque				
Site 02	1968	5	29	222
Missouri				
St. Louis				
Site 01	1968	24	50	379
New Mexico				
Rio Arriba County				
Site 01	1968	16	7	47
Oregon				
Eugene				
Site 01	1968	23	18	177
Pennsylvania				
Erie				
Site 01	1968	4	37	222
Site 02	1968	21	48	216
Lancaster				
Site 01	1968	15	73	233
Wisconsin				
Door County				
Site 01	1968	23	4	87
Racine				
Site 01	1968	18	8	133

[a] Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples. No sample in 1 month and 1 sample in another month would not meet criteria even if 4 or more samples were collected in the final month.

SECTION 5.
URBAN AND NONURBAN BENZENE-SOLUBLE ORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES

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Table 5-1. BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar	3rd quar.	4th quar	Yrly avg
ALABAMA GADSDEN SITE 01	68	16.8	6.6	4.6	4.3	8.1
HUNTSVILLE SITE 01	68	9.9	6.5	4.1	4.9	5.9
MOBILE SITE 01	68	22.8	8.3	15.3	17.7	16.0
MONTGOMERY SITE 01	68	16.6	6.4	6.1	12.3	10.4
ALASKA ANCHORAGE SITE 03	68	7.4	4.6	4.1	5.5	5.4
FAIRBANKS SITE 01	68	10.7	12.1	15.1	14.7	13.2
ARIZONA MARICOPA COUNTY SITE 01	68	3.0	2.2	1.4	3.1	2.5
PHOENIX SITE 02	68	13.8	6.4	6.9	20.5	11.9
TUCSON SITE 01	68	3.9	3.0	2.6	4.6	3.5
ARKANSAS LITTLE ROCK SITE 01	68	7.3	4.7	4.6	5.6	5.6
TEXARKANA SITE 01	68	5.9	3.1	3.6	6.5	4.8
WEST MEMPHIS SITE 01	68	11.0	4.3	4.1	5.1	6.1
CALIFORNIA BURBANK SITE 01	68	14.9	4.8	9.6	26.3	13.9
GLENDALE SITE 01	68	11.2	5.3	8.7	21.6	11.7
LONG BEACH SITE 01	68	18.6	2.3	4.2	27.6	13.2
LOS ANGELES SITE 01	68	17.6	8.6	9.9	23.7	15.0
OAKLAND SITE 01	68	11.5	3.8	4.8	7.6	6.9
ONTARIO SITE 01	68	7.7	4.8	6.7	11.3	7.6
PASADENA SITE 01	68	12.1	6.3	11.3	18.7	12.1
RIVERSIDE SITE 01	68	10.2	4.9	6.4	16.3	9.5
SACRAMENTO SITE 01	68	6.6	3.9	5.1	13.3	7.2
SAN BERNARDINO SITE 01	68	6.5	5.1	6.9	8.8	6.8
SAN DIEGO SITE 01	68	4.3	2.1	3.4	14.0	6.0
SAN FRANCISCO SITE 01	68	10.6	4.6	5.0	10.6	7.7
COLORADO BOULDER SITE 01	* 68	10.0	4.0	5.9	6.5	6.8
COLORADO SPRINGS SITE 03	* 68	8.8	4.1	5.3	7.4	6.6
DENVER SITE 01	68	7.4	6.2	6.3	11.0	7.7
SITE 01	* 68	19.9	6.8	6.4	15.3	13.1
SITE 03	* 68	22.5	9.8	8.5	10.9	13.2
DURANGO SITE 03	* 68	8.2	3.2	3.3	5.7	5.3
ENGLEWOOD SITE 01	* 68	15.3	5.2	6.3	12.0	10.1
COLORADO FORT COLLINS SITE 01	* 68	10.4	3.9	5.8	4.9	6.7
GARFIELD COUNTY SITE 01	* 68	5.9	4.3	6.1	8.2	6.1
GLENWOOD SPRINGS SITE 01	* 68	5.4	3.8	4.0	4.4	4.5
GRAND JUNCTION SITE 03	* 68	9.9	4.4	4.3	6.5	6.5
GREELEY SITE 03	* 68	8.7	3.2	4.2	8.6	6.3
LA JUNTA SITE 01	* 68	4.9	3.0	3.4	4.9	4.1
LAKEWOOD SITE 01	* 68	9.1	4.0	4.7	6.7	6.3
MONTROSE SITE 01	* 68	8.9	3.6	4.0	6.9	6.0
PUEBLO SITE 01	* 68	10.9	5.6	5.6	8.1	7.6
SITE 03	* 68	11.9	6.5	8.6	11.8	9.6
ROCKY FORD SITE 01	* 68	8.9	4.5	4.6	8.0	6.6
STERLING SITE 01	* 68	7.0	4.5	4.8	5.3	5.4
TRINIDAD SITE 01	* 68	6.2	3.8	4.4	5.0	4.9
CONNECTICUT HARTFORD SITE 01	68	6.4	3.2	4.0	4.5	4.5
NEW HAVEN SITE 01	68	4.9	4.3	4.7	5.9	5.0
DELAWARE NEWARK SITE 01	68	9.8	3.3	2.7	2.5	4.6
WILMINGTON SITE 01	68	11.9	7.3	7.3	8.7	8.8
DC WASHINGTON SITE 01	68	7.6	6.3	6.4	7.8	7.0
FLORIDA JACKSONVILLE SITE 02	68	9.9	5.2	6.8	16.0	9.5
TAMPA SITE 02	68	14.5	3.6	3.4	3.3	6.2
GEORGIA ATLANTA SITE 01	68	7.2	5.6	5.6	7.8	6.6
HAWAII HONOLULU SITE 01	68	2.7	2.3	2.2	3.9	2.8
IDAHO BOISE SITE 01	68	7.9	3.1	4.5	5.7	5.3
ILLINOIS CHICAGO SITE 01	68	9.1	7.1	6.4	7.0	7.4
EAST ST LOUIS SITE 01	68	6.6	4.9	5.3	10.4	6.8
JOLIET SITE 01	68	6.8	5.0	5.6	4.2	5.4
ROCKFORD SITE 01	68	4.8	3.7	5.0	3.9	4.4
SPRINGFIELD SITE 01	68	3.7	3.6	3.6	3.7	3.7
INDIANA EAST CHICAGO SITE 01	68	8.2	5.1	7.1	7.0	6.9

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS. URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
INDIANA HAMMOND SITE 01	68	5.7	4.4	4.5	6.2	5.2
INDIANAPOLIS SITE 01	68	7.9	8.0	10.5	8.6	8.7
SOUTH BEND SITE 01	68	9.7	13.9	10.4	7.4	10.4
IOWA CEDAR RAPIDS SITE 01	68	2.9	3.0	5.8	3.4	3.8
DES MOINES SITE 01	68	5.1	3.8	4.6	4.0	4.4
DUBUQUE SITE 01	68	4.4	4.0	4.2	5.5	4.5
KANSAS KANSAS CITY SITE 01	68	5.0	4.7	6.1	8.8	6.2
TOPEKA SITE 01	68	3.3	3.8	2.9	4.3	3.5
WICHITA SITE 01	68	3.4	2.5	3.2	4.6	3.4
KENTUCKY ASHLAND SITE 02	68	11.3	9.0	8.3	8.0	9.2
COVINGTON SITE 01	68	9.0	5.2	5.4	5.6	6.3
LEXINGTON SITE 01	68	4.9	2.8	4.9	4.7	4.3
LOUISVILLE SITE 01	68	8.9	6.9	6.5	9.1	7.9
LOUISIANA NEW ORLEANS SITE 02	68	9.0	8.5	9.1	8.2	8.[illegible]
MAINE PORTLAND SITE 02	68	6.1	6.2	4.5	5.6	5.6
MARYLAND BALTIMORE SITE 01	68	9.0	4.5	7.9	8.1	7.5
MASSACHUSETTS BOSTON SITE 01	68	8.8	5.9	6.1	4.8	6.4
WORCESTER SITE 01	68	7.7	4.7	4.7	6.6	5.9
MICHIGAN DETROIT SITE 01	68	10.7	4.9	5.5	8.3	7.4
FLINT SITE 01	68	3.4	2.0	3.8	3.7	3.4
GRAND RAPIDS SITE 01	68	6.9	4.4	4.9	5.0	5.3
TRENTON SITE 01	68	5.4	4.3	6.4	4.7	5.2
MINNESOTA DULUTH SITE 01	68	6.3	5.5	3.8	3.8	4.9
MINNEAPOLIS SITE 01	68	4.1	4.3	3.6	4.6	4.2
MOORHEAD SITE 01	68	3.0	3.2	3.4	3.0	3.2
ST PAUL SITE 01	68	6.9	5.4	4.8	4.9	5.5
MISSISSIPPI JACKSON SITE 02	68	6.4	5.5	4.6	7.8	6.1
MISSOURI KANSAS CITY SITE 01	68	6.1	4.0	6.9	9.0	6.5
MONTANA HELENA SITE 01	68	5.0	1.3	2.8	2.5	2.9
NEBRASKA OMAHA SITE 01	68	7.6	9.0	6.8	5.0	7.3
NEVADA LAS VEGAS SITE 01	68	8.3	4.0	3.5	12.3	7.3
RENO SITE 01	68	12.7	3.3	4.3	13.1	8.4
NEW HAMPSHIRE CONCORD SITE 01	68	5.6	2.6	2.2	2.3	3.2
NEW JERSEY BAYONNE SITE 01	68	5.3	6.8	4.3	6.9	5.8
BURLINGTON COUNTY SITE 02	68	5.9	4.6	3.9	4.0	4.6
CAMDEN SITE 01	68	4.4	6.7	6.7	5.9	5.9
GLASSBORO SITE 01	68	6.6	2.5	4.4	4.0	4.4
HAMILTON SITE 01	68	3.6	3.8	6.6	5.0	4.8
JERSEY CITY SITE 01	68	5.5	8.1	5.8	6.4	6.5
NEWARK SITE 01	68	9.3	6.8	5.8	6.1	7.1
PATERSON SITE 01	68	11.1	8.7	5.5	6.2	7.9
PERTH AMBOY SITE 01	68	5.6	4.5	4.9	4.2	4.8
TRENTON SITE 01	68	3.4	2.9	4.3	2.6	3.3
NEW MEXICO ALBUQUERQUE SITE 01	68	6.1	3.3	4.4	12.1	6.5
NEW YORK BINGHAMTON SITE 02	* 68	4.9	4.3	6.5	4.9	5.0
BUFFALO SITE 01	* 68	11.1	10.1	8.0	5.9	8.7
ELMIRA SITE 01	* 68	4.7	4.3	5.6	5.6	5.0
GARDEN CITY SITE 01	* 68	5.9	4.0	6.0	6.0	5.7
MASSENA SITE 01	* 68	4.8	3.8	3.8	2.6	3.8
MT VERNON SITE 01	* 68	10.2	8.8	10.2	7.8	9.3
NEW ROCHELLE SITE 02	* 68	8.9	9.2	10.3	9.1	9.4
NEW YORK CITY SITE 01	* 68	8.3	10.3	9.8	8.5	9.3
NIAGARA FALLS SITE 01	* 68	8.4	6.5	5.6	4.0	6.0
POUGHKEEPSIE SITE 01	* 68	3.1	3.8	5.5	4.5	4.2
ROCHESTER SITE 01	* 68	8.9	9.8	6.9	5.1	7.5
SCHENECTADY SITE 01	* 68	6.4	4.8	6.0	5.0	5.4
SYRACUSE SITE 01	* 68	12.6	9.0	8.1	6.4	9.2

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
NEW YORK TROY SITE 02	* 68	4.5	2.9	4.8	4.3	4.0
UTICA SITE 01	* 68	7.1	5.3	5.8	5.6	6.0
NORTH CAROLINA CHARLOTTE SITE 01	68	17.1	4.4	5.1	7.2	8.5
DURHAM SITE 01	68	14.9	9.6	7.5	10.3	10.6
NORTH DAKOTA BISMARCK SITE 01	68	3.8	3.1	2.6	4.0	3.4
OHIO AKRON SITE 01	68	7.3	7.8	5.4	5.9	6.6
CANTON SITE 01	* 68	11.0	7.2	7.3	9.7	8.9
CINCINNATI SITE 01	68	12.4	5.9	4.9	4.9	7.0
CLEVELAND SITE 01	68	9.4	7.0	8.1	6.1	7.7
COLUMBUS SITE 01	68	6.1	5.1	3.7	6.2	5.3
DAYTON SITE 01	68	6.9	5.6	6.0	6.8	6.3
HAMILTON SITE 01	* 68	9.8	8.6	8.5	9.7	9.1
LORAIN SITE 01	* 68	7.3	5.5	4.8	5.7	5.8
STEUBENVILLE SITE 01	* 68	17.0	10.7	17.0	13.5	14.7
TOLEDO SITE 01	68	4.3	4.4	4.9	6.3	5.0
YOUNGSTOWN SITE 01	68	8.1	8.3	5.0	9.8	7.8
OKLAHOMA OKLAHOMA CITY SITE 01	68	3.7	2.8	2.9	4.7	3.5
TULSA SITE 01	68	2.4	2.6	3.6	4.3	3.2
OREGON MEDFORD SITE 01	68	30.5	10.8	10.9	43.0	23.8
PORTLAND SITE 01	68	8.8	3.9	5.1	7.2	6.3
PENNSYLVANIA ALLENTOWN SITE 01	68	5.6	3.8	3.8	4.2	4.4
ALTOONA SITE 01	68	13.9	7.2	4.2	20.0	11.3
BETHLEHEM SITE 02	68	5.1	5.2	2.9	4.2	4.4
HARRISBURG SITE 01	68	6.5	4.7	3.5	3.8	4.6
HAZELTON SITE 01	68	8.3	5.2	5.2	6.9	6.4
JOHNSTOWN SITE 01	68	14.4	8.4	6.6	9.1	9.6
PHILADELPHIA SITE 01	68	11.8	7.2	7.8	7.0	8.5
PITTSBURGH SITE 01	68	11.9	9.8	7.1	8.2	9.3
READING SITE 01	68	7.5	6.4	6.7	7.0	6.9
PENNSYLVANIA SCRANTON SITE 01	68	22.8	16.7	13.6	21.8	18.7
WARMINSTER SITE 01	68	3.6	3.1	2.9	1.9	2.9
WEST CHESTER SITE 01	68	3.3	2.6	3.6	3.1	3.2
WILKES BARRE SITE 01	68	7.4	5.5	6.1	6.0	6.3
YORK SITE 01	68	7.0	6.0	6.6	5.9	6.4
PUERTO RICO BAYAMON SITE 01	68	2.1	2.3	3.0	3.0	2.6
CATANO SITE 02	68	4.1	4.2	6.0	6.1	5.1
GUAYANILLA SITE 01	68	1.9	1.1	1.1	1.1	1.3
PONCE SITE 01	68	5.8	4.8	5.4	5.8	5.5
RHODE ISLAND EAST PROVIDENCE SITE 01	68	5.8	5.2	4.6	5.0	5.2
PROVIDENCE SITE 01	68	8.9	6.6	6.1	6.1	6.9
SOUTH CAROLINA COLUMBIA SITE 01	68	14.0	4.8	4.3	12.9	9.0
GREENVILLE SITE 01	68	27.2	8.2	6.6	16.1	14.5
SOUTH DAKOTA SIOUX FALLS SITE 01	68	5.9	3.3	2.3	2.8	3.6
TENNESSEE CHATTANOOGA SITE 01	68	13.0	8.1	6.8	15.7	10.9
KNOXVILLE SITE 01	68	13.0	6.7	5.9	11.5	9.3
MEMPHIS SITE 01	68	6.9	4.2	4.5	3.7	4.8
NASHVILLE SITE 01	68	11.6	8.8	7.1	11.2	9.7
TEXAS AUSTIN SITE 01	* 68	5.2	5.0	4.8	5.3	5.1
BAYTOWN SITE 01	* 68	3.9	2.7	2.5	3.5	3.1
SITE 02	* 68	5.4	3.9	4.1	5.4	4.7
CLUTE CITY SITE 01	* 68	2.1	2.8	4.6	4.9	3.7
CORPUS CHRISTI SITE 01	* 68	4.7	2.9	3.7	4.4	3.9
SITE 02	* 68	2.3	2.2	2.6	2.2	2.3
DALLAS SITE 02	68	6.4	3.6	4.6	7.1	5.4
FT WORTH SITE 01	* 68	5.8	5.0	4.5	9.0	6.0
GALVESTON SITE 01	* 68	4.3	2.6	2.9	3.3	3.4
HOUSTON SITE 01	68	4.5	2.7	4.0	8.6	5.0
LAREDO SITE 01	* 68	4.2	5.4	4.0	5.8	4.8
LUBBOCK SITE 01	* 68	4.8	3.9	4.5	5.4	4.7

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS MCALLEN SITE 01	* 68	5.4	4.3	3.5	4.2	4.4
ODESSA SITE 01	* 68	5.4	4.6	6.9	5.0	5.5
ORANGE SITE 01	* 68	7.0	4.6	6.8	6.2	6.3
PASADENA SITE 01	68	4.8	2.7	3.9	5.7	4.3
SAN ANTONIO SITE 01	68	4.2	3.0	2.9	7.6	4.4
TEXARKANA SITE 01	* 68	4.0	4.4	5.7	5.5	4.9
TEXAS CITY SITE 01	* 68	3.5	2.8	2.9	3.5	3.2
TYLER SITE 01	* 68	5.5	5.3	4.8	5.2	5.2
WACO SITE 01	* 68	6.1	5.8	4.1	4.3	5.1
WICHITA FALLS SITE 01	* 68	5.9	6.1	4.4	6.9	5.8
UTAH OGDEN SITE 01	68	5.4	2.0	2.2	4.5	3.5
SALT LAKE CITY SITE 01	68	5.9	1.9	2.4	4.5	3.7
VERMONT BURLINGTON SITE 01	68	3.5	1.9	2.4	2.4	2.6
VIRGINIA DANVILLE SITE 01	68	14.4	5.4	4.3	5.5	7.4
HAMPTON SITE 01	68	6.8	3.4	2.6	4.0	4.2
LYNCHBURG SITE 01	68	18.3	8.1	6.8	9.2	10.6
NORFOLK SITE 01	68	8.2	4.6	3.9	5.8	5.6
PORTSMOUTH SITE 01	68	8.8	6.3	4.5	13.9	8.4
RICHMOND SITE 01	68	8.4	4.6	5.3	4.5	5.7
ROANOKE SITE 01	68	17.2	4.6	4.4	7.9	8.5
WASHINGTON SEATTLE SITE 01	68	9.3	2.9	5.5	8.0	6.4
WEST VIRGINIA CHARLESTON SITE 01	68	8.7	5.1	4.3	6.2	6.1
WISCONSIN EAU CLAIRE SITE 01	68	3.8	2.8	2.5	4.7	3.5
KENOSHA SITE 01	68	5.0	3.7	3.3	4.3	4.1
MADISON SITE 01	68	4.6	4.3	3.9	4.5	4.3
MILWAUKEE SITE 01	68	7.4	6.0	4.8	8.6	6.7
SUPERIOR SITE 01	68	5.9	2.5	2.2	4.9	3.9
WYOMING CASPER SITE 01	68	2.5	2.5	2.8	3.1	2.7
CHEYENNE SITE 01	68	2.3	2.1	1.6	2.6	2.2

Table 5-2. BENZENE-SOLUBLE ORGANIC CONSTITUENTS, NONURBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	68	1.3	1.9	2.2	1.3	1.7
ARKANSAS MONTGOMERY COUNTY SITE 01	68	2.2	1.9	2.7	1.7	2.1
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	2.8	1.6	2.5	2.8	2.4
COLORADO MESA VERDE NAT PK SITE 01	68	1.4	1.1	1.4	.9	1.2
DELAWARE KENT COUNTY SITE 01	68	2.3	2.7	2.7	2.3	2.5
IDAHO BUTTE COUNTY SITE 01	68	1.2	1.0	1.0	.9	1.0
INDIANA MONROE COUNTY SITE 01	68	2.0	2.4	3.1	2.1	2.4
PARKE COUNTY SITE 01	68	1.6	2.2	2.2	2.2	2.1
MAINE ACADIA NAT PK SITE 01	68	.6	1.3	4.0	.7	1.7
MARYLAND CALVERT COUNTY SITE 01	68	2.3	3.0	3.4	2.9	2.9
MISSISSIPPI JACKSON COUNTY SITE 01	68	1.4	1.4	1.8	2.3	1.7
MISSOURI SHANNON COUNTY SITE 01	68	1.6	1.8	1.4	2.1	1.7
MONTANA GLACIER NAT PK SITE 01	68	.8	1.2	1.5	1.1	1.2
NEBRASKA THOMAS COUNTY SITE 01	68	1.4	1.6	1.5	1.2	1.4
NEVADA WHITE PINE COUNTY SITE 01	68	.4	1.2	1.0	.8	.9
NEW HAMPSHIRE COOS COUNTY SITE 01	68	1.3	1.6	2.0	1.3	1.6
NEW YORK JEFFERSON COUNTY SITE 01	68	1.1	1.7	1.4	1.1	1.3
NORTH CAROLINA CAPE HATTERAS SITE 01	68	1.4	1.7	1.4	1.6	1.5
OKLAHOMA CHEROKEE COUNTY SITE 01	68	1.4	1.7	1.4	2.1	1.7
OREGON CURRY COUNTY SITE 01	68	.8	.8	.8	1.1	.9
PENNSYLVANIA CLARION COUNTY SITE 01	68	2.2	2.9	3.0	2.6	2.7
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	1.3	2.9	2.7	2.4	2.3
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	2.4	1.8	2.2	5.7	3.0
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	1.2	1.6	1.7	1.3	1.5
TEXAS CHAMBERS COUNTY SITE 01	* 68	3.4	1.7	2.4	2.8	2.6
SITE 02	* 68	4.8	2.2	4.4	4.9	4.2
MATAGORDA COUNTY SITE 01	68	1.4	1.2	1.4	1.5	1.4
VERMONT ORANGE COUNTY SITE 01	68	2.3	2.1	2.0	2.2	2.2
VIRGINIA SHENANDOAH NAT PK SITE 01	68	1.8	1.8	2.3	1.4	1.8
WYOMING YELLOWSTONE PARK SITE 01	68	1.0	.9	.6	.8	.8

Table 5-3. BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
ALABAMA						
GADSDEN						
SITE 01	68	4.56	1.25	1.22	2.45	2.37
HUNTSVILLE						
SITE 01	68	6.55	.90	.94	2.57	2.74
MOBILE						
SITE 01	68	7.16	1.23	2.54	5.76	4.17
MONTGOMERY						
SITE 01	68	4.17	.76	.92	5.88	2.93
ALASKA						
ANCHORAGE						
SITE 03	68	2.32	.75	1.25	2.39	1.68
FAIRBANKS						
SITE 01	68	3.45	1.70	4.51	9.14	4.70
ARIZONA						
MARICOPA COUNTY						
SITE 01	68	.24	.31	.58	.74	.47
PHOENIX						
SITE 02	68	1.66	.69	1.23	4.63	2.05
TUCSON						
SITE 01	68	.64	.40	.70	.95	.67
ARKANSAS						
LITTLE ROCK						
SITE 01	68	.69	.54	.85	1.50	.90
TEXARKANA						
SITE 01	68	.56	.49	1.03	1.10	.80
WEST MEMPHIS						
SITE 01	68	4.57	.61	1.04	2.74	2.24
CALIFORNIA						
BURBANK						
SITE 01	68	1.83	.56	1.50	4.86	2.19
GLENDALE						
SITE 01	68	1.13	.70	1.28	3.08	1.55
LONG BEACH						
SITE 01	68	2.30	.49	.78	4.80	2.09
LOS ANGELES						
SITE 01	68	1.29	.91	1.31	3.83	1.84
OAKLAND						
SITE 01	68	2.33	.66	1.08	2.40	1.62
ONTARIO						
SITE 01	68	.56	.43	.98	1.74	.93
PASADENA						
SITE 01	68	1.39	.76	2.08	5.14	2.34
RIVERSIDE						
SITE 01	68	.95	.46	.90	2.87	1.30
SACRAMENTO						
SITE 01	68	.56	.57	1.04	3.55	1.43
SAN BERNARDINO						
SITE 01	68	1.08	.51	1.12	1.30	1.00
SAN DIEGO						
SITE 01	68	.85	.34	.90	2.78	1.22
SAN FRANCISCO						
SITE 01	68	2.03	.64	1.40	3.24	1.83
COLORADO						
DENVER						
SITE 01	68	1.97	.87	1.64	4.54	2.26
CONNECTICUT						
HARTFORD						
SITE 01	68	1.87	.88	1.10	1.85	1.43
NEW HAVEN						
SITE 01	68	1.17	.97	1.22	2.17	1.38
DELAWARE						
NEWARK						
SITE 01	68	1.43	.54	.78	.95	.93
WILMINGTON						
SITE 01	68	2.57	.96	1.19	2.74	1.87
DC						
WASHINGTON						
SITE 01	68	2.07	1.03	1.73	2.70	1.88
FLORIDA						
JACKSONVILLE						
SITE 02	68	3.37	.66	1.21	6.52	2.94
TAMPA						
SITE 02	68	3.15	.53	.65	1.52	1.46
GEORGIA						
ATLANTA						
SITE 01	68	2.05	.98	.96	3.35	1.84
HAWAII						
HONOLULU						
SITE 01	68	.39	.46	.40	.94	.55
IDAHO						
BOISE						
SITE 01	68	3.23	.74	1.03	3.04	2.01
ILLINOIS						
CHICAGO						
SITE 01	68	3.74	1.75	2.26	4.66	3.10
EAST ST LOUIS						
SITE 01	68	3.68	1.78	1.86	9.17	4.12
JOLIET						
SITE 01	68	1.12	.71	1.51	1.60	1.24
ROCKFORD						
SITE 01	68	1.09	.66	1.10	1.58	1.11
SPRINGFIELD						
SITE 01	68	1.43	.48	.94	1.40	1.06
INDIANA						
EAST CHICAGO						
SITE 01	68	2.97	4.43	5.60	6.91	4.90
HAMMOND						
SITE 01	68	1.64	1.03	1.83	3.83	2.08
INDIANAPOLIS						
SITE 01	68	4.11	2.96	3.51	5.69	4.07
SOUTH BEND						
SITE 01	68	2.89	2.14	3.30	6.30	3.66
IOWA						
CEDAR RAPIDS						
SITE 01	68	.48	.34	1.07	.91	.70
DES MOINES						
SITE 01	68	1.04	.66	.98	1.82	1.13
DUBUQUE						
SITE 01	68	1.72	.61	.78	2.18	1.32
KANSAS						
KANSAS CITY						
SITE 01	68	.83	.46	.93	2.60	1.21
TOPEKA						
SITE 01	68	.54	.43	.52	1.29	.70
WICHITA						
SITE 01	68	.70	.41	.83	2.22	1.04
KENTUCKY						
ASHLAND						
SITE 02	68	6.83	9.84	8.14	12.39	9.30
COVINGTON						
SITE 01	68	4.07	1.27	1.54	7.40	3.57
LEXINGTON						
SITE 01	68	2.08	.48	.99	8.43	3.00
LOUISVILLE						
SITE 01	68	2.41	.97	2.21	5.20	2.70
LOUISIANA						
NEW ORLEANS						
SITE 02	68	.86	1.23	1.87	2.23	1.55
MAINE						
PORTLAND						
SITE 02	68	3.79	1.63	1.47	2.19	2.27
MARYLAND						
BALTIMORE						
SITE 01	68	2.69	.95	1.94	3.65	2.31

Table 5-3 (continued). BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
MASSACHUSETTS BOSTON SITE 01	68	3.74	1.97	1.68	1.57	2.24
WORCESTER SITE 01	68	2.58	.93	1.13	1.98	1.66
MICHIGAN DETROIT SITE 01	68	9.91	2.48	2.25	5.88	5.13
FLINT SITE 01	68	.67	.54	.92	1.01	.79
GRAND RAPIDS SITE 01	68	2.47	1.12	1.21	8.95	3.44
TRENTON SITE 01	68	1.58	1.00	1.43	1.74	1.44
MINNESOTA DULUTH SITE 01	68	4.53	2.86	.96	2.58	2.73
MINNEAPOLIS SITE 01	68	1.02	.98	.88	1.69	1.14
MOORHEAD SITE 01	68	.61	.61	1.11	1.09	.86
ST PAUL SITE 01	68	2.90	1.33	1.07	1.98	1.82
MISSISSIPPI JACKSON SITE 02	68	1.85	.83	1.29	2.16	1.53
MISSOURI KANSAS CITY SITE 01	68	1.78	.76	1.40	3.34	1.82
MONTANA HELENA SITE 01	68	1.21	.47	.83	1.13	.91
NEBRASKA OMAHA SITE 01	68	2.42	2.32	1.35	1.55	1.91
NEVADA LAS VEGAS SITE 01	68	2.41	.48	.68	2.17	1.44
RENO SITE 01	68	5.52	.78	.94	5.30	3.14
NEW HAMPSHIRE CONCORD SITE 01	68	1.72	.58	.65	.98	.98
NEW JERSEY BAYONNE SITE 01	68	1.22	.86	1.49	4.28	1.96
BURLINGTON COUNTY SITE 02	68	2.05	.87	.89	1.37	1.30
CAMDEN SITE 01	68	.76	1.37	1.44	2.70	1.57
GLASSBORO SITE 01	68	1.68	.53	.83	1.76	1.20
HAMILTON SITE 01	68	.69	.89	3.16	3.97	2.18
JERSEY CITY SITE 01	68	2.81	4.45	1.24	2.90	2.35
NEWARK SITE 01	68	3.38	1.31	1.56	2.33	2.15
PATERSON SITE 01	68	4.14	1.02	1.02	1.63	1.95
PERTH AMBOY SITE 01	68	1.89	.59	1.05	1.15	1.17
TRENTON SITE 01	68	1.04	.66	1.65	.83	1.05
NEW MEXICO ALBUQUERQUE SITE 01	68	1.32	.52	.86	4.39	1.77
NORTH CAROLINA CHARLOTTE SITE 01	68	13.41	.77	.99	7.07	5.56
DURHAM SITE 01	68	11.99	3.47	1.66	14.91	7.96
NORTH DAKOTA BISMARCK SITE 01	68	.70	.71	.76	1.26	.86
OHIO AKRON SITE 01	68	4.10	2.50	1.59	3.82	3.00
CINCINNATI SITE 01	68	1.70	1.31	1.47	2.62	1.78
CLEVELAND SITE 01	68	3.49	2.59	2.72	3.22	3.01
COLUMBUS SITE 01	68	2.76	1.35	1.21	3.54	2.22
DAYTON SITE 01	68	3.10	1.44	1.67	3.24	2.36
TOLEDO SITE 01	68	1.91	.74	1.13	3.44	1.81
YOUNGSTOWN SITE 01	68	1.22	6.53	2.37	12.45	5.64
OKLAHOMA OKLAHOMA CITY SITE 01	68	.53	.55	.82	1.01	.73
TULSA SITE 01	68	.47	.50	.82	1.30	.77
OREGON MEDFORD SITE 01	68	6.30	12.81	2.45	11.12	8.17
PORTLAND SITE 01	68	8.92	1.17	2.46	3.99	4.14
PENNSYLVANIA ALLENTOWN SITE 01	68	1.40	.81	.88	1.58	1.17
ALTOONA SITE 01	68	19.32	7.28	1.41	43.35	17.97
BETHLEHEM SITE 02	68	2.66	2.12	.77	2.64	2.05
HARRISBURG SITE 01	68	2.60	.77	.74	1.16	1.32
HAZELTON SITE 01	68	2.70	1.06	1.42	2.30	1.87
JOHNSTOWN SITE 01	68	12.06	6.73	2.86	12.56	8.55
PHILADELPHIA SITE 01	68	4.52	1.97	2.32	2.67	2.87
PITTSBURGH SITE 01	68	6.78	6.30	4.53	7.64	6.31
READING SITE 01	68	1.86	1.23	1.67	4.67	2.36
SCRANTON SITE 01	68	6.64	3.00	4.26	10.44	6.09
WARMINSTER SITE 01	68	1.10	.80	.85	.92	.92
WEST CHESTER SITE 01	68	.92	.68	1.10	1.47	1.04
WILKES BARRE SITE 01	68	2.80	.96	1.22	1.35	1.58
YORK SITE 01	68	2.54	1.15	1.82	2.15	1.92
PUERTO RICO BAYAMON SITE 01	68	.57	.41	.76	.64	.60

Table 5-3 (continued). BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m^3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
PUERTO RICO CATANO SITE 02	68	.59	.80	1.04	1.08	.88
GLAYANILLA SITE 01	68	.89	.42	.52	.46	.57
PONCE SITE 01	68	.84	.93	.92	1.16	.96
RHODE ISLAND EAST PROVIDENCE SITE 01	68	2.12	.77	.83	.95	1.17
PROVIDENCE SITE 01	68	2.93	1.07	1.57	2.23	1.95
SOUTH CAROLINA COLUMBIA SITE 01	68	8.16	1.08	1.14	14.51	6.22
GREENVILLE SITE 01	68	32.47	11.85	1.65	28.25	18.56
SOUTH DAKOTA SIOUX FALLS SITE 01	68	1.19	.56	.78	1.17	.93
TENNESSEE CHATTANOOGA SITE 01	68	8.82	2.11	2.28	16.35	7.39
KNOXVILLE SITE 01	68	15.29	2.14	1.83	19.77	9.76
MEMPHIS SITE 01	68	2.58	.65	.79	1.33	1.34
NASHVILLE SITE 01	68	8.49	1.95	1.46	11.95	5.96
TEXAS DALLAS SITE 02	68	1.91	.56	.89	1.94	1.33
HOUSTON SITE 01	68	1.08	.46	.96	1.91	1.10
PASADENA SITE 01	68	1.91	.30	.67	1.13	1.00
SAN ANTONIO SITE 01	68	.45	.49	.68	1.80	.86
UTAH OGDEN SITE 01	68	.87	.61	.63	1.17	.82
SALT LAKE CITY SITE 01	68	.78	.57	.74	1.79	.97
VERMONT BURLINGTON SITE 01	68	.68	.62	.77	.79	.72
VIRGINIA DANVILLE SITE 01	68	4.63	1.05	.83	3.39	2.48
HAMPTON SITE 01	68	3.37	.60	.61	1.53	1.53
LYNCHBURG SITE 01	68	19.43	4.02	2.03	9.40	8.72
NORFOLK SITE 01	68	6.11	1.20	.91	11.38	4.90
PORTSMOUTH SITE 01	68	13.20	6.25	.93	22.71	10.77
RICHMOND SITE 01	68	5.03	1.04	1.14	2.24	2.36
ROANOKE SITE 01	68	20.96	1.74	1.68	6.24	7.66
WASHINGTON SEATTLE SITE 01	68	3.06	.39	1.08	3.35	1.97
WEST VIRGINIA CHARLESTON SITE 01	68	5.41	1.10	1.73	10.06	4.58
WISCONSIN EAU CLAIRE SITE 01	68	3.58	.60	.81	2.24	1.81
KENOSHA SITE 01	68	1.40	.78	.88	2.59	1.41
MADISON SITE 01	68	1.27	.89	1.07	2.10	1.33
MILWAUKEE SITE 01	68	4.30	2.41	1.74	10.17	4.66
SUPERIOR SITE 01	68	5.03	.72	.81	6.64	3.30
WYOMING CASPER SITE 01	68	.55	.50	.91	1.64	.90
CHEYENNE SITE 01	68	.42	.50	.52	.97	.60

Table 5-4. BENZO(a)PYRENE, NONURBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m^3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
ARIZONA GRAND CANYON NAT PK SITE 01	68	.13	.20	.27	.17	.19
ARKANSAS MONTGOMERY COUNTY SITE 01	68	.27	.15	.35	.16	.23
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	.27	.22	.26	.49	.31
COLORADO MESA VERDE NAT PK SITE 01	68	.21	.15	.21	.17	.19
DELAWARE KENT COUNTY SITE 01	68	.42	.20	.39	.59	.40
IDAHO BUTTE COUNTY SITE 01	68	.20	.14	.15	.21	.18
INDIANA MONROE COUNTY SITE 01	68	.86	.34	.36	.59	.54
PARKE COUNTY SITE 01	68	.44	.22	.32	.74	.43
MAINE ACADIA NAT PK SITE 01	68	.13	.12	.88	.20	.33
MARYLAND CALVERT COUNTY SITE 01	68	.26	.32	.56	.59	.43
MISSISSIPPI JACKSON COUNTY SITE 01	68	.17	.14	.29	.29	.22
MISSOURI SHANNON COUNTY SITE 01	68	.19	.16	.16	.20	.18
MONTANA GLACIER NAT PK SITE 01	68	.16	.29	.66	.41	.38
NEBRASKA THOMAS COUNTY SITE 01	68	.28	.16	.21	.15	.20
NEVADA WHITE PINE COUNTY SITE 01	68	.10	.12	.21	.15	.15
NEW HAMPSHIRE COOS COUNTY SITE 01	68	.24	.16	.22	.18	.20
NEW YORK JEFFERSON COUNTY SITE 01	68	.20	.27	.16	.13	.19
NORTH CAROLINA CAPE HATTERAS SITE 01	68	.20	.17	.29	.21	.22
OKLAHOMA CHEROKEE COUNTY SITE 01	68	.20	.16	.23	.27	.22
OREGON CURRY COUNTY SITE 01	68	.15	.09	.23	.08	.14
PENNSYLVANIA CLARION COUNTY SITE 01	68	.98	.57	1.35	.98	.97
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	.21	.22	.39	.30	.28
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	1.16	.19	.26	1.48	.77
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	.16	.16	.25	.20	.19
TEXAS MATAGORDA COUNTY SITE 01	68	.18	.15	.18	.13	.16
VERMONT ORANGE COUNTY SITE 01	68	.33	.31	.33	.27	.31
VIRGINIA SHENANDOAH NAT PK SITE 01	68	.34	.24	.36	.26	.30
WYOMING YELLOWSTONE PARK SITE 01	68	.13	.17	.18	.10	.15

SECTION 6.

URBAN AND NONURBAN NONMETALLIC INORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES

Table 6-1. AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA GADSDEN SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.2	.2	.6	.7	.2	.2	2.01
HUNTSVILLE SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.4	.4	.5	1.5	.3	.2	2.38
MOBILE SITE 01	68	24	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.6	.1	.1	1.54
MONTGOMERY SITE 01	68	26	.1	.1	.1	.1	.1	.2	.3	.3	.5	.7	1.4	.3	.2	2.27
ALASKA ANCHORAGE SITE 03	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	.1	.1	1.95
FAIRBANKS SITE 01	68	24	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.42
ARIZONA MARICOPA COUNTY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	3.6	.3	.1	2.60
PHOENIX SITE 02	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	.7	3.9	.4	.2	2.85
TUCSON SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	.4	1.6	.2	.2	1.99
ARKANSAS LITTLE ROCK SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	1.8	.2	.1	1.85
TEXARKANA SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.38
WEST MEMPHIS SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.4	.4	.6	1.0	.3	.2	2.18
CALIFORNIA BURBANK SITE 01	68	26	.0	.1	.2	.2	.4	.5	.6	.9	1.3	3.4	9.8	1.3	.5	3.61
GLENDALE SITE 01	68	26	.0	.1	.1	.2	.4	.5	.6	.8	1.1	2.1	6.4	.8	.4	3.26
LONG BEACH SITE 01	68	26	.0	.1	.1	.1	.4	.8	1.2	2.2	3.0	10.2	30.8	2.8	.7	5.85
LOS ANGELES SITE 01	68	26	.1	.2	.2	.4	.6	.8	1.0	1.9	2.0	4.3	8.7	1.6	.8	3.38
OAKLAND SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.2	.2	.7	3.7	.5	.2	2.87
ONTARIO SITE 01	68	24	.1	.1	.2	.2	.4	.4	.7	.8	1.3	4.2	6.3	1.1	.5	3.44
PASADENA SITE 01	68	26	.1	.1	.2	.3	.4	.5	.7	1.4	1.9	2.5	8.2	1.1	.5	3.37
RIVERSIDE SITE 01	68	26	.0	.1	.2	.2	.5	.6	.8	1.1	1.5	2.8	13.9	1.6	.6	3.93
SACRAMENTO SITE 01	68	26	.1	.1	.1	.1	.1	.2	.2	.3	.4	.6	1.2	.3	.2	2.13
SAN BERNARDINO SITE 01	68	26	.1	.1	.1	.2	.2	.3	.4	.6	.8	1.3	10.1	.8	.3	3.15
SAN DIEGO SITE 01	68	26	.0	.0	.0	.0	.1	.1	.3	.4	.8	1.4	6.0	.6	.3	3.27
SAN FRANCISCO SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.2	.2	.4	5.7	.4	.2	2.68
COLORADO DENVER SITE 01	68	25	.0	.0	.0	.1	.1	.1	.2	.2	.2	.4	2.6	.2	.2	2.11
CONNECTICUT HARTFORD SITE 01	68	26	.0	.1	.2	.5	.7	1.0	1.5	2.1	2.3	2.9	6.2	1.4	.8	3.25
NEW HAVEN SITE 01	68	26	.2	.3	.7	.9	1.4	1.9	2.1	2.6	3.1	4.2	5.6	2.0	1.4	2.55

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE NEWARK SITE 01	68	25	.2	.3	.4	.9	1.0	1.0	1.2	1.7	1.8	4.9	5.5	1.6	1.1	2.41
WILMINGTON SITE 01	68	23	.8	1.4	1.7	2.1	2.3	2.5	2.6	3.0	4.4	5.9	8.5	3.1	2.6	1.76
DC WASHINGTON SITE 01	68	26	.4	.4	.8	.9	1.3	1.5	1.7	2.3	2.6	3.0	4.0	1.7	1.4	1.88
FLORIDA JACKSONVILLE SITE 02	68	25	.0	.0	.1	.1	.1	.1	.1	.2	.2	.5	1.0	.2	.2	1.96
TAMPA SITE 02	68	24	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.6	.1	.1	1.50
GEORGIA ATLANTA SITE 01	68	26	.0	.0	.1	.1	.1	.1	.2	.2	.3	.7	1.0	.2	.2	2.07
HAWAII HONOLULU SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	1.00
IDAHO BOISE SITE 01	68	26	.1	.1	.1	.1	.2	.2	.2	.2	.3	.5	.7	.2	.2	1.81
ILLINOIS CHICAGO SITE 01	68	25	.1	.1	.1	.5	.6	1.1	1.3	1.7	2.0	3.4	10.6	1.6	.8	3.75
EAST ST LOUIS SITE 01	68	26	.0	.0	.1	.1	.2	.3	.6	.9	1.0	1.9	3.3	.7	.4	3.17
JOLIET SITE 01	68	22	.1	.1	.1	.2	.3	.4	.5	.5	.6	.7	1.7	.5	.3	2.40
ROCKFORD SITE 01	68	26	.0	.1	.1	.1	.1	.2	.4	.4	.6	1.3	2.3	.4	.3	2.77
SPRINGFIELD SITE 01	68	23	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	2.7	.3	.2	2.30
INDIANA EAST CHICAGO SITE 01	68	26	.1	.1	.1	.2	.5	.5	.9	1.4	1.5	2.6	13.1	1.4	.6	3.82
HAMMOND SITE 01	68	26	.0	.1	.2	.2	.4	.5	.6	.9	1.2	2.0	3.5	.8	.5	2.96
INDIANAPOLIS SITE 01	68	25	.1	.1	.2	.2	.3	.5	.7	.7	.9	2.6	3.0	.8	.5	2.84
SOUTH BEND SITE 01	68	24	.0	.1	.1	.1	.2	.2	.7	.8	1.3	1.6	16.4	1.2	.4	3.81
IOWA CEDAR RAPIDS SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.2	.2	.3	1.2	.2	.1	1.79
DES MOINES SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.1	.1	1.37
DUBUQUE SITE 01	68	23	.0	.1	.1	.1	.1	.1	.2	.2	.4	2.4	2.9	.5	.2	3.10
KANSAS KANSAS CITY SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.61
TOPEKA SITE 01	68	26	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.6	.1	.1	1.48
WICHITA SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
KENTUCKY ASHLAND SITE 02	68	23	.0	.1	.1	.1	.2	.2	.3	1.3	1.5	2.0	3.6	.8	.4	3.51
COVINGTON SITE 01	68	25	.0	.1	.1	.2	.2	.5	.6	.7	.9	1.4	1.7	.5	.4	2.69
LEXINGTON SITE 01	68	25	.0	.1	.1	.1	.1	.2	.4	.5	.6	2.0	4.7	.7	.3	3.27

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KENTUCKY LOUISVILLE SITE 01	68	25	.0	.1	.1	.1	.1	.2	.2	.4	.6	1.1	2.7	.4	.2	2.75
LOUISIANA NEW ORLEANS SITE 02	68	26	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	1.25
MAINE PORTLAND SITE 02	68	21	.0	.1	.1	.3	.5	1.2	1.5	1.9	2.3	3.4	12.6	1.7	.7	4.51
MARYLAND BALTIMORE SITE 01	68	26	.1	.2	.3	.5	.8	1.0	1.3	1.8	2.2	3.8	6.0	1.4	.9	3.02
MASSACHUSETTS BOSTON SITE 01	68	25	.1	.3	.5	.8	1.1	1.7	1.9	2.4	3.0	3.7	5.6	1.9	1.3	2.68
WORCESTER SITE 01	68	25	.1	.1	.1	.4	.4	.6	1.1	1.6	1.9	2.8	5.3	1.2	.6	3.44
MICHIGAN DETROIT SITE 01	68	26	.0	.1	.1	.2	.4	.5	.9	1.0	1.2	2.3	2.8	.8	.5	3.14
FLINT SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.6	2.1	.2	.1	2.20
GRAND RAPIDS SITE 01	68	26	.0	.0	.1	.1	.2	.2	.3	.3	.5	1.1	4.1	.5	.3	2.79
TRENTON SITE 01	68	25	.0	.1	.1	.1	.1	.3	.4	.4	1.1	1.7	2.2	.5	.3	3.00
MINNESOTA DULUTH SITE 01	68	24	.0	.0	.0	.1	.1	.1	.2	.2	.3	.3	.3	.1	.1	1.63
MINNEAPOLIS SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.3	1.1	2.0	.3	.2	2.46
MOORHEAD SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	1.3	.2	.1	1.69
ST PAUL SITE 01	68	26	.1	.1	.1	.1	.1	.2	.3	.3	.3	.6	2.4	.3	.2	2.31
MISSISSIPPI JACKSON SITE 02	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.2	.4	.9	.2	.1	1.87
MISSOURI KANSAS CITY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	.8	.1	.1	1.68
MONTANA HELENA SITE 01	68	24	.0	.1	.1	.1	.1	.1	.1	.2	.2	.4	1.1	.2	.1	1.89
NEBRASKA OMAHA SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.26
NEVADA LAS VEGAS SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.30
RENO SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.3	.2	.3	.4	.2	.1	1.56
NEW HAMPSHIRE CONCORD SITE 01	68	25	.1	.1	.1	.1	.2	.2	.3	.4	1.2	1.4	3.8	.6	.3	3.08
NEW JERSEY BAYONNE SITE 01	68	21	.3	.6	.9	1.3	1.6	2.7	3.1	3.8	4.5	6.7	9.0	3.1	2.1	2.55
BURLINGTON COUNTY SITE 02	68	26	.1	.2	.7	.7	1.0	1.2	1.5	1.7	2.4	3.8	4.6	1.6	1.1	2.83
CAMDEN SITE 01	68	26	.3	1.0	1.4	1.9	2.4	2.4	3.3	3.6	4.2	5.5	6.5	2.9	2.4	2.02
GLASSBORO SITE 01	68	25	.1	.2	.3	.5	.6	1.0	1.5	1.8	2.7	3.2	6.0	1.5	.9	3.12

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW JERSEY HAMILTON SITE 01	68	23	.1	.3	.3	.8	.9	1.1	1.5	1.9	2.4	2.6	3.5	1.4	1.0	2.58
JERSEY CITY SITE 01	68	25	.2	.6	.7	1.1	1.1	2.1	2.9	3.6	4.5	5.2	8.4	2.7	1.8	2.79
NEWARK SITE 01	68	24	.1	.3	.7	.9	1.2	1.4	2.2	3.2	4.2	5.5	10.9	2.9	1.5	3.16
PATERSON SITE 01	68	26	.1	.7	.8	.8	1.0	1.4	2.5	3.1	3.8	5.6	6.3	2.2	1.5	2.66
PERTH AMBOY SITE 01	68	26	.3	.6	.8	1.0	1.4	1.4	1.6	2.1	2.2	5.6	6.7	2.2	1.5	2.28
TRENTON SITE 01	68	24	.1	.1	.2	.3	.4	.5	.6	.7	1.0	1.4	2.8	.7	.5	2.61
NEW MEXICO ALBUQUERQUE SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.29
NORTH CAROLINA CHARLOTTE SITE 01	68	25	.1	.2	.2	.4	.4	.6	.6	.7	.9	1.7	3.5	.7	.5	2.40
DURHAM SITE 01	68	23	.1	.1	.2	.2	.4	.4	.8	1.2	1.4	1.9	2.2	.8	.5	2.87
NORTH DAKOTA BISMARCK SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	1.15
OHIO AKRON SITE 01	68	25	.1	.1	.1	.2	.4	.5	.8	1.1	1.5	2.8	4.0	1.0	.5	3.62
CINCINNATI SITE 01	68	26	.1	.1	.2	.3	.3	.6	.7	.9	1.1	1.5	3.0	.7	.5	2.57
CLEVELAND SITE 01	68	26	.0	.1	.3	.5	.6	.9	1.1	1.6	2.9	4.0	7.4	1.6	.9	3.41
COLUMBUS SITE 01	68	24	.1	.1	.1	.1	.1	.2	.4	.6	1.0	2.1	2.5	.6	.3	3.33
DAYTON SITE 01	68	26	.0	.0	.1	.1	.1	.1	.2	.6	.9	1.0	2.2	.4	.2	2.88
TOLEDO SITE 01	68	26	.0	.1	.1	.1	.2	.4	.6	1.0	1.3	2.5	3.5	.8	.4	3.47
YOUNGSTOWN SITE 01	68	25	.1	.1	.2	.4	.4	.6	.9	1.4	2.2	3.1	5.0	1.2	.7	3.35
OKLAHOMA OKLAHOMA CITY SITE 01	68	23	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	1.0	.1	.1	1.62
TULSA SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.32
OREGON MEDFORD SITE 01	68	25	.1	.1	.2	.2	.3	.3	.4	.4	.5	.7	1.4	.4	.3	2.03
PORTLAND SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	1.2	2.8	.4	.2	2.82
PENNSYLVANIA ALLENTOWN SITE 01	68	26	.1	.1	.1	.2	.2	.4	.6	1.2	1.4	1.6	2.3	.7	.4	3.02
ALTOONA SITE 01	68	23	.1	.3	.5	.6	.8	.9	1.3	1.4	1.6	2.2	3.3	1.1	.9	2.31
BETHLEHEM SITE 02	68	24	.1	.1	.1	.3	.4	.5	.9	1.2	1.4	1.8	3.0	.8	.5	3.09
HARRISBURG SITE 01	68	26	.1	.1	.1	.2	.2	.3	.5	.9	1.1	2.0	6.3	.8	.4	3.28
HAZELTON SITE 01	68	24	.1	.2	.2	.3	.7	.8	1.2	1.6	1.9	2.7	3.4	1.1	.7	2.93
JOHNSTOWN SITE 01	68	24	.1	.1	.2	.3	.4	.7	1.4	1.5	1.9	2.2	6.4	1.2	.6	3.38

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
PENNSYLVANIA PHILADELPHIA SITE 01	68	26	.1	.3	.9	1.4	1.7	1.9	3.1	3.9	4.2	6.4	9.8	2.9	1.8	3.06
PITTSBURGH SITE 01	68	26	.0	.1	.3	.4	.6	.6	1.0	1.3	1.6	3.7	10.2	1.5	.8	3.27
READING SITE 01	68	25	.3	.6	1.1	1.3	1.5	1.6	1.6	2.0	2.1	2.8	3.5	1.7	1.5	1.78
SCRANTON SITE 01	68	26	.3	.4	1.0	1.3	1.9	2.1	2.6	5.9	6.0	7.2	8.7	3.4	2.2	2.81
WARMINSTER SITE 01	68	25	.1	.1	.1	.2	.2	.4	.6	1.3	1.8	2.5	7.3	1.1	.5	3.77
WEST CHESTER SITE 01	68	25	.0	.1	.1	.2	.3	.5	.7	.8	.9	2.0	2.7	.7	.4	2.91
WILKES BARRE SITE 01	68	25	.1	.2	.4	.7	1.3	1.7	2.1	2.9	3.3	4.4	4.7	2.0	1.2	3.07
YORK SITE 01	68	25	.1	.1	.1	.2	.2	.3	.3	.6	.9	1.5	4.0	.6	.3	2.96
PUERTO RICO BAYAMON SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	1.00
GUAYANILLA SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	1.24
PONCE SITE 01	68	25	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.6	.1	.1	1.62
RHODE ISLAND EAST PROVIDENCE SITE 01	68	26	.1	.1	.2	.4	.4	.9	1.0	1.9	2.0	3.6	6.1	1.2	.7	3.40
PROVIDENCE SITE 01	68	26	.1	.2	.3	.5	.6	.8	1.5	1.9	2.2	3.4	4.5	1.4	.9	2.82
SOUTH CAROLINA COLUMBIA SITE 01	68	24	.0	.2	.2	.3	.4	.5	.7	.8	1.1	1.3	2.0	.7	.5	2.17
GREENVILLE SITE 01	68	25	.1	.2	.2	.4	.5	.7	.8	1.1	1.3	1.9	2.4	.9	.6	2.49
SOUTH DAKOTA SIOUX FALLS SITE 01	68	23	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.27
TENNESSEE CHATTANOOGA SITE 01	68	25	.1	.1	.2	.2	.3	.4	.6	1.0	1.2	1.3	1.6	.6	.4	2.51
KNOXVILLE SITE 01	68	26	.0	.1	.2	.2	.2	.3	.5	.8	1.3	1.5	4.8	.7	.4	2.96
MEMPHIS SITE 01	68	25	.0	.1	.1	.1	.1	.1	.1	.1	.2	.6	1.3	.2	.1	2.18
NASHVILLE SITE 01	68	25	.0	.0	.1	.1	.1	.2	.3	.5	.5	1.0	4.2	.5	.3	2.97
TEXAS DALLAS SITE 02	68	23	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.16
HOUSTON SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
PASADENA SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.1	.1	.7	1.3	.2	.1	2.03
SAN ANTONIO SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
UTAH OGDEN SITE 01	68	25	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.4	.2	.2	1.60
SALT LAKE CITY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.3	.3	.5	1.2	.2	.2	2.02

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
VERMONT BURLINGTON SITE 01	68	24	.0	.1	.1	.1	.1	.1	.5	.5	1.2	1.4	2.1	.5	.3	3.14
VIRGINIA DANVILLE SITE 01	68	25	.1	.1	.2	.2	.3	.7	.9	1.0	1.2	2.6	11.0	1.2	.6	3.37
HAMPTON SITE 01	68	26	.1	.1	.1	.2	.3	.5	.8	1.0	1.2	1.8	4.4	.8	.5	3.06
LYNCHBURG SITE 01	68	26	.1	.1	.2	.2	.3	.3	.6	.8	1.0	1.4	2.6	.6	.4	2.69
NORFOLK SITE 01	68	26	.0	.1	.1	.1	.5	.8	.8	1.4	1.6	1.9	6.8	1.0	.5	3.56
PORTSMOUTH SITE 01	68	26	.1	.1	.1	.2	.2	.4	.6	.9	1.2	2.1	6.2	.8	.4	3.35
RICHMOND SITE 01	68	26	.1	.1	.1	.2	.4	.6	.8	1.3	1.3	1.7	3.3	.8	.5	3.16
ROANOKE SITE 01	68	25	.1	.1	.1	.1	.2	.2	.2	.6	.7	1.3	2.3	.5	.3	2.87
WASHINGTON SEATTLE SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.9	.1	.1	1.63
WEST VIRGINIA CHARLESTON SITE 01	68	26	.1	.2	1.5	2.8	5.3	7.0	13.0	26.2	28.3	34.1	60.2	15.1	5.7	6.12
WISCONSIN EAU CLAIRE SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.2	.2	.4	3.7	.3	.2	2.36
KENOSHA SITE 01	68	26	.1	.1	.1	.1	.1	.1	.3	.3	.5	1.3	3.4	.5	.2	3.06
MADISON SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.2	.2	1.2	1.9	.3	.2	2.53
MILWAUKEE SITE 01	68	25	.1	.1	.1	.1	.1	.1	.2	.3	.4	.9	1.6	.3	.2	2.43
SUPERIOR SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.9	.2	.1	1.66
WYOMING CASPER SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	1.37
CHEYENNE SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.25

*Data contributed by state or local agency.

Table 6-2. AMMONIUM, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3														Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.5	.1	.1	1.46
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.7	.2	.1	1.86
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.3	.1	.1	1.32
COLORADO MESA VERDE NAT PK SITE 01	68	22	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
DELAWARE KENT COUNTY SITE 01	68	24	.1	.1	.1	.2	.3	.4	.5	.8	1.0	2.0	4.2	.8	.4	3.02
IDAHO BUTTE COUNTY SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
INDIANA MONROE COUNTY SITE 01	68	24	.0	.1	.1	.1	.1	.1	.1	.1	.4	1.8	3.6	.5	.2	3.37
PARKE COUNTY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.6	1.4	.2	.1	2.14
MAINE ACADIA NAT PK SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.7	.1	.1	1.55
MARYLAND CALVERT COUNTY SITE 01	68	23	.1	.1	.1	.1	.2	.2	.2	.5	.6	1.6	4.8	.6	.3	3.02
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.5	1.2	.2	.1	1.99
MISSOURI SHANNON COUNTY SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	1.5	.2	.1	1.85
MONTANA GLACIER NAT PK SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	1.25
NEBRASKA THOMAS COUNTY SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
NEVADA WHITE PINE COUNTY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	1.2	.2	.1	1.86
NEW YORK JEFFERSON COUNTY SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.2	.5	1.4	.2	.2	2.02
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.3	.7	.1	.1	1.70
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
OREGON CURRY COUNTY SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	1.00
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.3	.5	.7	2.9	.3	.2	2.92
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	.1	.1	.1	.1	.2	.3	.7	1.2	2.3	3.7	6.1	1.2	.5	4.16
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	.1	.1	.1	.1	.1	.2	.3	.6	.8	1.1	1.6	.6	.3	2.68

*Data contributed by state or local agency.

Table 6-2 (continued). AMMONIUM, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
TEXAS MATAGORDA COUNTY SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.50
VERMONT ORANGE COUNTY SITE 01	68	26	.1	.1	.1	.2	.2	.2	.5	.7	1.1	1.6	2.6	.6	.3	2.79
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	.0	.1	.1	.1	.3	.3	.4	.5	.8	1.4	2.2	.5	.3	2.73
WYOMING YELLOWSTONE PARK SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	1.21

*Data contributed by state or local agency.

Table 6-3. FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No of samples		Max conc ug m^{-3}
		Collected	Above detect quan.	
ALABAMA GADSDEN SITE 01	68	25	0	
HUNTSVILLE SITE 01	68	26	0	
MOBILE SITE 01	68	24	0	
MONTGOMERY SITE 01	68	26	1	0.17
ALASKA ANCHORAGE SITE 03	68	26	0	
FAIRBANKS SITE 01	68	24	1	0.05
ARIZONA MARICOPA COUNTY SITE 01	68	26	0	
PHOENIX SITE 02	68	26	0	
TUCSON SITE 01	68	26	0	
ARKANSAS LITTLE ROCK SITE 01	68	25	2	0.13
TEXARKANA SITE 01	68	26	0	
WEST MEMPHIS SITE 01	68	26	0	
CALIFORNIA BURBANK SITE 01	68	26	0	
GLENDALE SITE 01	68	26	0	
LONG BEACH SITE 01	68	26	0	
LOS ANGELES SITE 01	68	26	0	
OAKLAND SITE 01	68	25	0	
ONTARIO SITE 01	68	24	0	
PASADENA SITE 01	68	24	0	
RIVERSIDE SITE 01	68	26	0	
SACRAMENTO SITE 01	68	26	0	
SAN BERNARDINO SITE 01	68	26	0	
SAN DIEGO SITE 01	68	26	0	
SAN FRANCISCO SITE 01	68	26	0	
COLORADO DENVER SITE 01	68	25	4	0.19
CONNECTICUT HARTFORD SITE 01	68	26	0	
CONNECTICUT NEW HAVEN SITE 01	68	26	0	
DELAWARE NEWARK SITE 01	68	25	1	0.13
WILMINGTON SITE 01	68	23	2	0.23
DC WASHINGTON SITE 01	68	26	0	
FLORIDA JACKSONVILLE SITE 02	68	25	0	
TAMPA SITE 02	68	24	0	
GEORGIA ATLANTA SITE 01	68	24	1	0.15
HAWAII HONOLULU SITE 01	68	26	0	
IDAHO BOISE SITE 01	68	26	0	
ILLINOIS CHICAGO SITE 01	68	25	5	0.18
EAST ST LOUIS SITE 01	68	26	0	
JOLIET SITE 01	68	22	0	
ROCKFORD SITE 01	68	26	0	
SPRINGFIELD SITE 01	68	23	1	0.09
INDIANA EAST CHICAGO SITE 01	68	26	8	0.21
HAMMOND SITE 01	68	26	2	0.10
INDIANAPOLIS SITE 01	68	25	2	0.08
SOUTH BEND SITE 01	68	24	1	0.23
IOWA CEDAR RAPIDS SITE 01	68	26	4	0.20
DES MOINES SITE 01	68	26	2	0.17
DUBUQUE SITE 01	68	23	0	
KANSAS KANSAS CITY SITE 01	68	25	0	
TOPEKA SITE 01	68	26	0	
WICHITA SITE 01	68	25	0	
KENTUCKY ASHLAND SITE 02	68	23	5	0.48

Table 6-3 (continued). FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples		Max. conc. µg/m^3
		Collected	Above detect. quan.	
KENTUCKY COVINGTON SITE 01	68	25	1	0.08
LEXINGTON SITE 01	68	25	0	
LOUISVILLE SITE 01	68	25	3	0.48
LOUISIANA NEW ORLEANS SITE 02	68	26	2	0.17
MAINE PORTLAND SITE 02	68	21	0	
MARYLAND BALTIMORE SITE 01	68	26	5	1.65
MASSACHUSETTS BOSTON SITE 01	68	25	0	
WORCESTER SITE 01	68	25	0	
MICHIGAN DETROIT SITE 01	68	26	4	0.35
FLINT SITE 01	68	26	0	
GRAND RAPIDS SITE 01	68	26	5	0.29
TRENTON SITE 01	68	25	1	0.38
MINNESOTA DULUTH SITE 01	68	24	3	0.30
MINNEAPOLIS SITE 01	68	26	3	0.09
MOORHEAD SITE 01	68	26	0	
ST PAUL SITE 01	68	26	2	0.20
MISSISSIPPI JACKSON SITE 02	68	26	2	0.11
MISSOURI KANSAS CITY SITE 01	68	25	3	0.39
MONTANA HELENA SITE 01	68	24	0	
NEBRASKA OMAHA SITE 01	68	25	0	
NEVADA LAS VEGAS SITE 01	68	25	0	
RENO SITE 01	68	26	5	0.37
NEW HAMPSHIRE CONCORD SITE 01	68	25	0	
NEW JERSEY BAYONNE SITE 01	68	21	0	

Station location	Year	No. of samples		Max. conc. µg/m^3
		Collected	Above detect. quan.	
NEW JERSEY BURLINGTON COUNTY SITE 02	68	26	1	0.07
CAMDEN SITE 01	68	26	10	0.39
GLASSBORO SITE 01	68	25	4	0.11
HAMILTON SITE 01	68	23	6	0.68
JERSEY CITY SITE 01	68	25	0	
NEWARK SITE 01	68	24	0	
PATERSON SITE 01	68	26	0	
PERTH AMBOY SITE 01	68	26	1	0.08
TRENTON SITE 01	68	24	2	0.12
NEW MEXICO ALBUQUERQUE SITE 01	68	26	0	
NORTH CAROLINA CHARLOTTE SITE 01	68	26	1	0.06
DURHAM SITE 01	68	23	2	0.12
NORTH DAKOTA BISMARCK SITE 01	68	26	2	0.21
OHIO AKRON SITE 01	68	25	6	0.28
CINCINNATI SITE 01	68	26	4	0.18
CLEVELAND SITE 01	68	26	7	0.40
COLUMBUS SITE 01	68	24	2	0.19
DAYTON SITE 01	68	26	2	0.12
TOLEDO SITE 01	68	26	0	
YOUNGSTOWN SITE 01	68	25	1	0.15
OKLAHOMA OKLAHOMA CITY SITE 01	68	23	0	
TULSA SITE 01	68	26	0	
OREGON MEDFORD SITE 01	68	25	0	
PORTLAND SITE 01	68	26	18	0.80
PENNSYLVANIA ALLENTOWN SITE 01	68	26	3	0.35

Table 6-3 (continued). FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples: Collected	No. of samples: Above detect. quan.	Max. conc., μg/m³
PENNSYLVANIA				
ALTOONA				
SITE 01	68	23	8	0.33
BETHLEHEM				
SITE 02	68	24	16	0.83
HARRISBURG				
SITE 01	68	26	20	1.58
HAZELTON				
SITE 01	68	24	17	0.31
JOHNSTOWN				
SITE 01	68	24	18	0.46
PHILADELPHIA				
SITE 01	68	26	7	0.41
PITTSBURGH				
SITE 01	68	26	19	0.80
READING				
SITE 01	68	25	14	0.48
SCRANTON				
SITE 01	68	26	8	0.52
WARMINSTER				
SITE 01	68	25	2	0.07
WEST CHESTER				
SITE 01	68	25	0	
WILKES BARRE				
SITE 01	68	25	2	0.13
YORK				
SITE 01	68	25	2	0.20
PUERTO RICO				
BAYAMON				
SITE 01	68	26	1	0.31
GUAYANILLA				
SITE 01	68	26	0	
PONCE				
SITE 01	68	25	10	1.42
RHODE ISLAND				
EAST PROVIDENCE				
SITE 01	68	26	0	
PROVIDENCE				
SITE 01	68	26	0	
SOUTH CAROLINA				
COLUMBIA				
SITE 01	68	24	3	0.87
GREENVILLE				
SITE 01	68	25	0	
SOUTH DAKOTA				
SIOUX FALLS				
SITE 01	68	23	0	
TENNESSEE				
CHATTANOOGA				
SITE 01	68	25	4	0.20
KNOXVILLE				
SITE 01	68	26	16	1.29
MEMPHIS				
SITE 01	68	25	1	0.07
NASHVILLE				
SITE 01	68	25	10	1.01
TEXAS				
DALLAS				
SITE 02	68	23	0	
TEXAS				
HOUSTON				
SITE 01	68	26	4	0.42
PASADENA				
SITE 01	68	26	3	0.30
SAN ANTONIO				
SITE 01	68	26	0	
UTAH				
OGDEN				
SITE 01	68	28	0	
SALT LAKE CITY				
SITE 01	68	26	1	0.05
VERMONT				
BURLINGTON				
SITE 01	68	24	0	
VIRGINIA				
DANVILLE				
SITE 01	68	25	0	
HAMPTON				
SITE 01	68	26	0	
LYNCHBURG				
SITE 01	68	26	3	0.14
NORFOLK				
SITE 01	68	26	4	0.10
PORTSMOUTH				
SITE 01	68	26	7	0.60
RICHMOND				
SITE 01	68	26	4	0.15
ROANOKE				
SITE 01	68	25	5	0.27
WASHINGTON				
SEATTLE				
SITE 01	68	26	1	0.05
WEST VIRGINIA				
CHARLESTON				
SITE 01	68	26	3	0.97
WISCONSIN				
EAU CLAIRE				
SITE 01	68	24	0	
KENOSHA				
SITE 01	68	24	0	
MADISON				
SITE 01	68	25	0	
MILWAUKEE				
SITE 01	68	25	10	0.23
SUPERIOR				
SITE 01	68	24	1	0.06
WYOMING				
CASPER				
SITE 01	68	24	0	
CHEYENNE				
SITE 01	68	26	0	

Table 6-4. NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA GADSDEN SITE 01	68	25	.9	1.6	1.7	1.9	2.0	2.3	2.7	2.8	2.9	4.6	7.7	2.7	2.4	1.58
HUNTSVILLE SITE 01	68	26	.5	.7	.9	1.1	1.5	1.5	1.8	2.0	2.1	2.6	2.7	1.6	1.4	1.59
MOBILE SITE 01	68	24	.9	1.1	1.3	1.6	2.1	2.1	2.4	2.9	2.9	3.7	5.6	2.4	2.1	1.61
MONTGOMERY SITE 01	68	26	.1	.3	.6	.7	1.1	1.2	1.4	1.7	2.0	2.5	3.6	1.3	1.0	2.24
ALASKA ANCHORAGE SITE 03	68	26	.2	.2	.4	.4	.3	.6	.7	.7	.8	1.0	1.1	.6	.5	1.64
FAIRBANKS SITE 01	68	24	.2	.3	.3	.5	.5	.6	.8	.9	.9	1.0	1.5	.7	.6	1.75
ARIZONA MARICOPA COUNTY SITE 01	68	26	.7	1.3	1.8	1.8	2.0	2.2	2.3	2.5	2.7	3.2	3.9	2.2	2.1	1.46
PHOENIX SITE 02	68	26	1.6	1.8	2.3	2.5	2.8	2.9	3.4	4.5	5.7	7.1	9.5	3.8	3.4	1.63
TUCSON SITE 01	68	26	.7	.7	1.2	1.4	1.5	1.5	1.7	2.0	2.1	2.4	3.1	1.6	1.5	1.49
ARKANSAS LITTLE ROCK SITE 01	68	25	.8	1.4	1.5	1.7	1.8	2.1	2.2	2.5	2.6	3.2	4.6	2.2	2.1	1.47
TEXARKANA SITE 01	68	26	.4	.9	1.0	1.1	1.3	1.5	1.6	1.8	1.9	3.1	4.8	1.7	1.5	1.67
WEST MEMPHIS SITE 01	68	26	.3	1.1	1.8	1.9	2.1	2.2	2.4	2.8	3.2	4.0	8.3	2.5	2.2	1.82
CALIFORNIA BURBANK SITE 01	68	26	1.8	3.1	4.2	5.5	6.1	6.8	7.5	8.5	9.2	13.0	25.6	7.9	6.6	1.80
GLENDALE SITE 01	68	26	1.2	2.2	4.5	4.9	5.7	5.8	7.4	8.1	8.8	9.4	21.1	7.1	5.9	1.86
LONG BEACH SITE 01	68	26	1.2	3.1	3.8	4.2	5.2	6.1	6.5	7.5	7.8	10.5	18.2	6.5	5.7	1.73
LOS ANGELES SITE 01	68	26	1.1	2.9	4.1	6.9	7.7	8.4	10.5	12.6	12.8	16.2	20.5	9.2	7.7	1.98
OAKLAND SITE 01	68	25	.7	1.1	1.4	1.8	1.9	2.4	2.6	3.4	3.8	5.7	9.7	3.0	2.5	1.91
ONTARIO SITE 01	68	24	3.7	4.6	5.7	6.4	7.3	8.9	9.5	11.5	13.5	14.8	71.8	11.7	9.1	1.84
PASADENA SITE 01	68	26	1.2	2.7	5.2	5.6	6.1	6.9	8.0	8.5	9.2	13.3	16.8	7.4	6.4	1.84
RIVERSIDE SITE 01	68	26	2.2	4.9	5.9	7.2	8.4	9.3	11.1	15.0	17.3	27.9	37.8	12.9	10.2	2.05
SACRAMENTO SITE 01	68	26	.6	1.2	1.8	2.3	2.6	2.7	2.9	3.2	3.4	5.1	7.0	2.9	2.6	1.68
SAN BERNARDINO SITE 01	68	26	1.3	1.6	4.7	5.6	7.0	7.9	9.5	11.3	12.6	18.5	21.6	9.1	7.3	2.13
SAN DIEGO SITE 01	68	26	.7	1.6	2.0	2.4	3.4	3.6	3.9	4.7	5.0	8.0	10.1	4.0	3.4	1.89
SAN FRANCISCO SITE 01	68	26	.9	1.0	1.4	1.5	2.0	2.9	3.7	5.5	5.6	9.9	12.3	3.9	2.9	2.23
COLORADO DENVER SITE 01	68	25	.6	1.2	1.3	1.7	1.8	2.0	2.2	2.5	2.7	3.7	6.0	2.3	2.0	1.67
CONNECTICUT HARTFORD SITE 01	68	26	.0	.1	.4	.5	.9	.9	1.2	1.5	1.7	2.1	3.2	1.1	.8	2.71
NEW HAVEN SITE 01	68	26	.0	.4	.6	.7	1.0	1.2	1.3	1.7	1.9	2.7	3.6	1.3	1.0	2.23

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE NEWARK SITE 01	68	25	.2	.5	.6	.7	.9	1.3	1.4	1.6	1.7	2.3	2.7	1.3	1.1	1.91
WILMINGTON SITE 01	68	23	.6	.9	1.0	1.5	1.8	1.9	2.1	2.4	3.0	3.7	6.3	2.2	1.9	1.77
DC WASHINGTON SITE 01	68	26	.7	.9	1.3	1.4	1.4	1.5	2.3	2.4	2.5	3.8	4.5	2.0	1.8	1.67
FLORIDA JACKSONVILLE SITE 02	68	25	.9	1.1	1.3	1.8	2.0	2.4	2.6	2.8	2.9	3.8	7.2	2.5	2.2	1.64
TAMPA SITE 02	68	24	.6	.8	1.2	1.4	1.6	1.9	2.1	2.5	2.8	8.2	10.9	2.8	2.0	2.12
GEORGIA ATLANTA SITE 01	68	26	.5	.6	1.4	1.7	2.1	2.2	2.3	2.4	2.6	2.8	4.6	2.1	1.9	1.72
HAWAII HONOLULU SITE 01	68	26	.0	.1	.2	.2	.3	.3	.6	.7	1.0	1.5	2.9	.6	.4	2.50
IDAHO BOISE SITE 01	68	26	.0	.3	.5	.7	.8	.9	1.0	1.2	1.5	1.9	3.5	1.1	.8	2.16
ILLINOIS CHICAGO SITE 01	68	25	.6	.9	1.0	1.3	1.8	2.0	2.4	3.1	3.5	5.5	8.4	2.7	2.1	2.03
EAST ST LOUIS SITE 01	68	26	.7	1.2	1.3	1.5	1.8	2.1	2.5	3.0	3.1	3.7	4.3	2.2	2.0	1.63
JOLIET SITE 01	68	22	.8	.9	1.1	1.2	1.4	1.7	2.7	2.9	3.2	3.9	4.9	2.2	1.9	1.79
ROCKFORD SITE 01	68	26	.7	.9	1.0	1.0	1.4	1.4	1.7	1.7	2.1	2.8	2.8	1.6	1.5	1.51
SPRINGFIELD SITE 01	68	23	.1	.7	1.0	1.1	1.9	2.1	2.2	2.4	2.6	3.0	4.4	2.0	1.5	2.65
INDIANA EAST CHICAGO SITE 01	68	26	.8	1.1	1.4	1.6	2.3	2.8	3.1	3.3	4.1	5.9	10.6	3.2	2.6	1.94
HAMMOND SITE 01	68	26	.8	1.0	1.2	1.4	1.9	2.2	2.4	3.4	3.8	6.8	8.6	2.8	2.2	1.97
INDIANAPOLIS SITE 01	68	25	.3	.8	1.6	2.0	2.1	2.2	2.4	3.0	3.4	4.5	5.2	2.5	2.2	1.91
SOUTH BEND SITE 01	68	24	.5	.8	1.4	1.9	2.3	2.3	2.7	3.1	5.3	6.5	10.7	3.2	2.4	2.19
IOWA CEDAR RAPIDS SITE 01	68	26	.1	.1	.6	.7	1.0	1.2	1.8	2.0	2.5	4.6	7.8	1.8	1.1	3.25
DES MOINES SITE 01	68	26	.4	.8	1.1	1.1	1.4	1.6	1.8	2.0	2.5	3.4	3.8	1.8	1.6	1.73
DUBUQUE SITE 01	68	23	.1	.4	.6	.8	.9	1.4	1.7	1.9	2.0	2.1	2.8	1.3	1.1	2.19
KANSAS KANSAS CITY SITE 01	68	25	.8	1.3	1.4	1.9	2.0	2.2	2.5	2.7	2.8	3.7	3.9	2.3	2.1	1.52
TOPEKA SITE 01	68	26	.2	.5	.7	.9	1.5	1.6	1.9	2.3	2.6	2.9	4.1	1.7	1.4	2.03
WICHITA SITE 01	68	25	.6	.7	1.3	1.4	1.5	1.7	1.7	2.0	2.0	2.8	3.8	1.8	1.6	1.58
KENTUCKY ASHLAND SITE 02	68	23	.5	1.0	1.2	1.6	2.0	2.1	2.3	2.4	2.5	3.1	3.5	2.0	1.8	1.63
COVINGTON SITE 01	68	25	.4	.6	.8	1.0	1.1	1.3	1.5	1.6	2.5	2.9	4.7	1.6	1.3	1.84
LEXINGTON SITE 01	68	25	.4	.9	1.1	1.5	1.8	2.4	2.5	2.7	2.7	3.0	3.8	2.1	1.8	1.77

*Data contributed by state or local agency.

Table G-4 (continued). NITRATE; URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KENTUCKY LOUISVILLE SITE 01	68	25	.6	2.2	2.5	3.0	3.2	3.6	3.8	4.3	4.8	[illegible]	8.6	3.8	3.4	1.65
LOUISIANA NEW ORLEANS SITE 02	68	26	1.4	2.4	2.7	2.8	3.5	4.0	4.3	4.8	6.0	6.2	7.0	4.1	3.8	1.54
MAINE PORTLAND SITE 02	68	21	.2	.2	.3	.4	.5	.6	.7	.8	1.3	1.4	2.6	.8	.6	2.24
MARYLAND BALTIMORE SITE 01	68	26	.7	1.2	1.9	2.0	2.5	2.7	3.0	3.3	3.5	4.5	6.0	2.8	2.5	1.63
MASSACHUSETTS BOSTON SITE 01	68	25	.2	.4	.4	.5	.7	1.1	1.1	1.9	2.1	3.2	5.1	1.6	1.0	2.36
WORCESTER SITE 01	68	25	.1	.2	.3	.5	.6	.8	1.1	1.2	1.5	2.7	4.0	1.1	.8	2.57
MICHIGAN DETROIT SITE 01	68	26	.7	1.3	1.9	2.2	3.0	3.1	3.9	5.5	6.8	11.2	13.8	4.7	3.5	2.21
FLINT SITE 01	68	26	.7	1.3	1.6	1.7	2.0	2.2	2.8	3.5	3.8	4.7	5.2	2.7	2.4	1.67
GRAND RAPIDS SITE 01	68	26	.7	.9	1.4	1.7	2.4	2.8	3.3	3.9	4.8	6.7	10.0	3.3	2.6	2.07
TRENTON SITE 01	68	25	1.3	1.7	1.9	3.0	3.2	3.3	3.5	4.7	5.2	7.4	11.9	4.1	3.6	1.75
MINNESOTA DULUTH SITE 01	68	24	.2	.3	.4	.5	.8	1.4	1.8	2.1	2.4	3.0	5.5	1.6	1.1	2.63
MINNEAPOLIS SITE 01	68	26	.1	.4	.6	.8	1.2	1.3	1.7	1.9	2.2	2.5	2.9	1.4	1.1	2.22
MOORHEAD SITE 01	68	26	.3	.5	.8	.8	.9	1.1	1.2	1.4	1.8	2.2	3.0	1.2	1.0	1.75
ST PAUL SITE 01	68	26	.4	.5	1.0	1.2	1.4	1.8	2.2	2.5	2.8	3.2	5.3	2.0	1.7	1.88
MISSISSIPPI JACKSON SITE 02	68	26	.8	.9	1.2	1.4	1.7	1.9	2.1	2.1	2.3	3.1	3.9	1.9	1.7	1.53
MISSOURI KANSAS CITY SITE 01	68	25	.9	1.3	1.7	2.1	2.2	2.4	2.5	3.2	3.7	4.0	6.3	2.7	2.6	1.56
MONTANA HELENA SITE 01	68	24	.1	.2	.3	.4	.5	.6	.7	.8	2.2	3.4	6.3	1.2	.7	2.76
NEBRASKA OMAHA SITE 01	68	25	.5	.7	1.0	1.5	1.7	1.7	2.0	2.4	2.8	4.5	5.2	2.2	1.8	1.89
NEVADA LAS VEGAS SITE 01	68	25	.3	.6	.8	1.5	1.6	2.0	2.2	2.5	2.7	3.4	5.0	2.0	1.7	1.84
RENO SITE 01	68	26	.3	.4	.6	.9	.9	1.0	1.4	1.8	2.5	3.4	5.2	1.6	1.2	2.13
NEW HAMPSHIRE CONCORD SITE 01	68	25	.1	.1	.2	.3	.4	.5	.6	.9	1.3	1.7	2.3	.7	.5	2.71
NEW JERSEY BAYONNE SITE 01	68	21	.3	.4	.6	.7	.7	1.2	1.9	2.0	2.2	2.4	3.6	1.5	1.1	2.09
BURLINGTON COUNTY SITE 02	68	25	.1	.4	.5	.6	.9	1.4	1.4	1.8	1.8	2.3	3.0	1.3	1.0	2.10
CAMDEN SITE 01	68	26	.5	.9	1.0	1.1	1.8	1.9	2.3	2.6	3.0	3.8	7.2	2.3	1.8	1.97
GLASSBORO SITE 01	68	25	.1	.3	.4	.5	.8	1.2	1.3	1.9	2.6	3.8	4.7	1.6	1.1	2.70

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW JERSEY HAMILTON SITE 01	68	23	.3	1.1	1.1	1.4	1.9	2.0	2.4	3.0	3.5	3.9	4.6	2.3	2.0	1.88
JERSEY CITY SITE 01	68	25	.7	.9	1.0	1.3	1.4	1.5	1.8	2.2	2.9	4.0	5.9	2.0	1.7	1.75
NEWARK SITE 01	68	24	.2	.5	.9	1.3	1.5	1.6	1.8	2.3	2.5	2.6	3.0	1.7	1.4	1.99
PATERSON SITE 01	68	26	.6	.7	.8	.8	1.1	1.3	1.5	1.7	2.0	3.2	5.1	1.6	1.4	1.81
PERTH AMBOY SITE 01	68	26	.2	.7	.8	.9	1.0	1.1	1.2	1.6	2.2	2.5	2.8	1.4	1.1	1.86
TRENTON SITE 01	68	26	.7	.8	.9	1.0	1.1	1.3	1.6	1.8	2.0	2.6	3.2	1.5	1.4	1.56
NEW MEXICO ALBUQUERQUE SITE 01	68	26	.1	.9	1.1	1.2	1.3	1.3	1.4	1.5	1.7	2.8	4.3	1.5	1.3	1.93
NORTH CAROLINA CHARLOTTE SITE 01	68	25	.1	.6	.7	.8	1.0	1.3	1.5	1.8	2.2	3.0	6.8	1.6	1.2	2.37
DURHAM SITE 01	68	23	.4	.5	.7	1.1	1.2	1.5	1.6	1.9	2.1	2.2	2.9	1.5	1.3	1.76
NORTH DAKOTA BISMARCK SITE 01	68	26	.2	.2	.4	.4	.6	.6	.7	.8	.8	1.2	2.2	.7	.6	1.88
OHIO AKRON SITE 01	68	25	.1	.8	1.2	1.3	1.4	1.8	2.2	2.4	2.9	3.4	7.6	2.1	1.7	2.24
CINCINNATI SITE 01	68	26	.7	.9	1.3	1.5	2.0	2.3	2.5	3.0	3.6	4.6	6.2	2.5	2.1	1.79
CLEVELAND SITE 01	68	26	.7	1.0	1.3	1.4	1.7	1.8	3.0	3.2	3.3	5.6	7.2	2.6	2.2	1.87
COLUMBUS SITE 01	68	24	.1	1.2	1.3	2.0	2.2	2.4	2.6	2.8	3.0	3.4	7.2	2.6	2.0	2.51
DAYTON SITE 01	68	26	.7	1.0	1.3	1.5	1.6	1.9	2.4	2.9	3.1	5.2	5.5	2.4	2.0	1.78
TOLEDO SITE 01	68	26	.4	.9	1.4	2.2	2.3	2.8	3.3	3.4	3.7	4.5	7.9	2.9	2.4	1.94
YOUNGSTOWN SITE 01	68	25	.4	1.2	1.7	2.1	2.2	2.5	3.1	3.5	3.9	4.8	5.0	2.9	2.6	1.81
OKLAHOMA OKLAHOMA CITY SITE 01	68	23	.6	.7	.9	1.3	1.3	1.4	1.6	2.0	2.1	2.4	3.6	1.6	1.5	1.60
TULSA SITE 01	68	26	.4	.8	.9	.9	1.1	1.3	1.8	2.0	2.1	3.8	5.2	1.7	1.5	1.82
OREGON MEDFORD SITE 01	68	25	.2	.5	.6	.6	.8	1.0	1.2	2.1	2.6	3.3	10.6	1.8	1.2	2.46
PORTLAND SITE 01	68	26	.7	1.3	1.7	3.1	3.9	4.5	5.0	5.7	6.6	8.9	11.4	4.7	3.8	2.07
PENNSYLVANIA ALLENTOWN SITE 01	68	26	1.1	1.6	2.0	2.2	2.7	3.2	3.8	4.2	4.5	5.6	9.0	3.5	3.0	1.73
ALTOONA SITE 01	68	23	.3	.6	.6	1.2	1.4	1.6	1.7	2.2	2.5	3.5	4.7	1.7	1.4	2.12
BETHLEHEM SITE 02	68	24	1.4	1.9	2.4	3.0	3.4	3.7	4.2	4.7	5.2	6.6	8.9	4.0	3.6	1.61
HARRISBURG SITE 01	68	26	.5	.7	1.1	1.3	1.4	1.5	1.9	2.4	3.0	4.3	4.4	2.0	1.7	1.89
HAZELTON SITE 01	68	24	.2	.4	.5	.7	1.0	1.2	1.3	1.6	2.2	2.3	5.4	1.4	1.1	2.15
JOHNSTOWN SITE 01	68	24	.5	1.0	1.4	1.8	2.3	2.3	4.9	3.0	3.2	4.5	7.1	2.4	2.2	1.79

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
PENNSYLVANIA PHILADELPHIA SITE 01	68	26	.8	1.2	1.5	1.8	2.0	2.1	2.4	2.8	2.9	3.9	4.2	2.3	2.1	1.50
PITTSBURGH SITE 01	68	26	.2	1.2	1.8	2.0	2.1	2.6	3.2	3.2	4.5	5.3	7.1	3.0	2.5	2.11
READING SITE 01	68	25	.1	.7	.8	2.1	2.5	2.9	2.9	4.2	4.6	5.7	6.3	3.0	2.3	2.60
SCRANTON SITE 01	68	26	.5	.5	.7	.9	1.3	1.5	1.9	2.5	2.6	2.9	3.2	1.7	1.4	1.89
WARMINSTER SITE 01	68	25	.4	.6	.9	.9	1.3	1.6	1.9	2.1	2.2	3.3	4.6	1.7	1.4	1.85
WEST CHESTER SITE 01	68	25	.1	.4	.5	.6	.8	1.0	1.3	1.4	1.6	2.0	3.1	1.2	.9	2.16
WILKES BARRE SITE 01	68	25	.4	.6	.8	.9	1.2	1.4	1.6	2.1	2.2	2.6	3.2	1.5	1.3	1.79
YORK SITE 01	68	25	.8	1.5	2.6	2.8	3.1	3.4	3.6	3.7	3.9	4.7	5.6	3.3	3.0	1.56
PUERTO RICO BAYAMON SITE 01	68	26	.4	.6	1.1	1.2	1.5	1.6	1.8	2.0	2.1	2.5	2.7	1.6	1.4	1.65
GUAYANILLA SITE 01	68	26	.2	.6	.6	.6	.8	.8	1.0	1.1	1.3	1.4	2.4	.9	.8	1.63
PONCE SITE 01	68	25	.4	1.0	1.0	1.3	1.3	1.5	1.6	1.8	2.0	3.0	3.6	1.7	1.5	1.61
RHODE ISLAND EAST PROVIDENCE SITE 01	68	26	.4	.5	1.0	1.1	1.2	1.6	1.7	3.0	3.6	4.0	4.2	2.0	1.6	2.06
PROVIDENCE SITE 01	68	26	.4	.6	.8	.9	1.8	2.1	2.3	3.1	3.8	4.5	5.0	2.3	1.8	2.10
SOUTH CAROLINA COLUMBIA SITE 01	68	24	.8	1.3	1.4	2.4	2.6	2.9	3.1	3.4	3.5	3.7	4.5	2.7	2.5	1.58
GREENVILLE SITE 01	68	25	.8	1.0	1.4	2.0	2.1	2.2	2.2	3.1	3.3	3.5	3.7	2.3	2.1	1.62
SOUTH DAKOTA SIOUX FALLS SITE 01	68	23	.1	.5	.9	1.1	1.5	1.6	2.0	2.9	3.0	3.4	9.8	2.2	1.5	2.86
TENNESSEE CHATTANOOGA SITE 01	68	25	1.0	2.1	2.6	3.0	3.1	4.0	4.1	4.3	5.3	5.6	13.0	4.1	3.7	1.65
KNOXVILLE SITE 01	68	26	1.2	1.5	2.1	2.8	3.5	3.5	3.6	3.8	3.9	4.3	9.0	3.2	3.0	1.48
MEMPHIS SITE 01	68	25	1.1	1.2	1.7	2.5	2.7	3.0	3.1	3.4	3.5	3.9	5.1	2.9	2.6	1.50
NASHVILLE SITE 01	68	25	.1	1.7	1.7	2.4	2.8	3.1	3.2	3.3	3.9	4.3	5.5	2.9	2.4	2.27
TEXAS DALLAS SITE 02	68	23	.5	2.0	2.2	2.3	2.8	2.8	3.1	3.4	3.6	4.0	4.9	2.9	2.7	1.56
HOUSTON SITE 01	68	26	1.0	1.6	2.5	2.7	3.0	3.3	3.6	3.8	4.4	5.8	9.7	3.6	3.3	1.62
PASADENA SITE 01	68	26	.8	1.3	1.7	2.1	2.7	3.0	3.1	3.3	3.8	4.7	6.6	2.9	2.6	1.68
SAN ANTONIO SITE 01	68	26	1.6	1.8	2.3	2.5	2.8	2.8	3.1	3.3	3.4	4.0	5.4	3.0	2.8	1.33
UTAH OGDEN SITE 01	68	25	.7	.8	1.4	1.6	1.8	2.0	2.2	2.4	[illegible]	3.7	8.1	2.6	2.0	1.76
SALT LAKE CITY SITE 01	68	26	.6	1.2	1.6	1.7	1.8	1.9	2.1	2.6	3.8	4.8	7.7	2.8	2.2	1.76

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3														Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
VERMONT BURLINGTON SITE 01	68	74	.1	.4	.5	.6	.7	.7	1.1	1.3	1.7	2.3	3.5	1.1	.8	2.24
VIRGINIA DANVILLE SITE 01	68	25	.1	.4	.5	.9	1.0	1.0	1.1	1.7	2.1	2.4	4.2	1.4	1.0	2.31
HAMPTON SITE 01	68	26	.2	.4	.5	.7	1.0	1.3	1.6	2.0	2.1	2.8	3.5	1.4	1.1	2.19
LYNCHBURG SITE 01	68	26	.4	1.0	1.1	1.4	1.7	1.8	2.1	2.4	2.6	3.1	4.2	2.0	1.7	1.67
NORFOLK SITE 01	68	26	.2	.8	1.2	1.4	1.5	1.8	2.4	2.5	3.2	4.5	5.1	2.2	1.8	2.02
PORTSMOUTH SITE 01	68	26	.5	.9	1.3	1.4	1.7	1.9	2.4	2.9	3.3	3.6	5.6	2.3	2.0	1.73
RICHMOND SITE 01	68	26	.4	.6	.7	.8	1.2	1.2	1.6	1.8	2.1	2.9	3.5	1.5	1.3	1.70
ROANOKE SITE 01	68	25	.2	.5	.7	1.1	1.2	1.4	1.6	1.8	2.3	2.7	4.1	1.6	1.3	2.03
WASHINGTON SEATTLE SITE 01	68	26	.8	.9	1.0	1.0	1.2	1.3	1.7	2.2	2.2	2.7	5.6	1.7	1.5	1.63
WEST VIRGINIA CHARLESTON SITE 01	68	26	.2	.3	.5	.7	1.1	1.2	1.3	1.5	1.6	2.4	4.0	1.3	1.0	2.12
WISCONSIN EAU CLAIRE SITE 01	68	24	.2	.6	.7	.8	.9	.9	1.1	1.3	1.9	4.2	5.2	1.3	1.1	1.92
KENOSHA SITE 01	68	26	.5	.7	.8	.9	1.2	1.6	1.7	2.1	2.9	3.9	5.6	1.9	1.5	1.93
MADISON SITE 01	68	25	.4	.6	.7	1.1	1.3	1.5	1.6	2.0	2.1	2.7	4.4	1.6	1.4	1.84
MILWAUKEE SITE 01	68	25	.6	.9	1.2	2.2	2.4	3.0	3.5	6.2	6.9	9.9	17.9	4.7	3.2	2.51
SUPERIOR SITE 01	68	24	.1	.3	.4	.7	.9	.9	1.7	1.8	2.7	3.3	3.9	1.5	1.0	2.59
WYOMING CASPER SITE 01	68	26	.3	.3	.4	.4	.5	.5	.6	.8	.8	1.1	1.4	.6	.6	1.57
CHEYENNE SITE 01	68	26	.3	.3	.4	.4	.6	.6	.7	.9	1.0	1.4	2.4	.8	.7	1.75

*Data contributed by state or local agency.

Table 6-5. NITRATE, STATE OF NEW YORK FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK BINGHAMTON SITE 02	68	44	.1	.4	.7	1.1	1.3	1.3	1.6	1.9	2.1	2.2	3.2	1.4	1.2	2.04
BUFFALO SITE 01	68	49	.4	1.0	1.3	1.7	2.0	2.3	2.7	3.3	3.7	5.4	10.1	2.8	2.2	1.85
ELMIRA SITE 01	68	56	.2	.6	.8	1.0	1.2	1.2	1.5	1.7	2.0	2.5	3.8	1.5	1.3	1.76
GARDEN CITY SITE 01	68	49	.1	.3	.5	.6	.8	1.1	1.2	1.5	2.0	2.4	3.3	1.2	.9	2.13
MASSENA SITE 01	68	56	.1	.4	.5	.6	.8	.9	1.0	1.1	1.6	2.0	4.8	1.1	.9	2.00
MT VERNON SITE 01	68	57	.2	.5	.7	.8	.9	1.1	1.4	1.7	2.2	2.9	4.9	1.5	1.2	1.97
NEW ROCHELLE SITE 02	68	44	.2	.5	.8	1.1	1.4	1.5	1.9	2.3	2.6	3.3	5.9	1.8	1.4	2.08
NEW YORK CITY SITE 01	68	50	.2	.3	.5	.8	.9	1.0	1.1	1.3	1.5	2.2	4.8	1.2	1.0	2.00
NIAGARA FALLS SITE 01	68	54	.8	1.3	1.9	2.4	2.8	3.0	3.7	4.0	4.7	7.1	11.4	3.7	3.1	1.87
POUGHKEEPSIE SITE 01	68	45	.2	.4	.6	.8	1.0	1.2	1.3	1.5	1.7	2.4	5.3	1.3	1.0	1.96
ROCHESTER SITE 01	68	31	.6	1.0	1.0	1.2	1.6	2.1	2.3	2.6	3.2	3.7	7.6	2.3	1.9	1.83
SCHENECTADY SITE 01	68	53	.2	.7	.9	1.0	1.2	1.3	1.6	1.8	2.3	2.8	4.9	1.6	1.3	1.83
SYRACUSE SITE 01	68	45	.2	1.2	1.7	2.0	2.6	2.8	3.3	4.5	4.9	6.3	12.4	3.4	2.7	2.09
TROY SITE 02	68	61	.3	.5	.5	.7	.9	1.1	1.2	1.4	1.8	2.5	5.4	1.3	1.1	1.93
UTICA SITE 01	68	37	.1	.9	1.6	1.6	1.7	1.9	2.2	2.5	2.7	3.7	9.2	2.2	1.8	2.03

*Data contributed by state or local agency.

Table 6-6. NITRATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.2	.2	.2	.3	.4	.5	.6	.7	.8	1.1	1.4	.6	.5	1.84
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.2	.3	.5	.6	.7	.8	1.0	1.2	1.2	1.4	1.6	.9	.8	1.81
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.0	.1	.3	.3	.4	.4	.5	.6	.7	1.7	2.4	.6	.4	2.28
COLORADO MESA VERDE NAT PK SITE 01	68	22	.2	.2	.3	.4	.5	.6	.7	.8	1.0	1.7	4.5	.9	.6	2.20
DELAWARE KENT COUNTY SITE 01	68	26	.2	.3	.4	.6	.6	.7	1.0	1.1	1.8	2.1	3.1	1.0	.8	2.12
IDAHO BUTTE COUNTY SITE 01	68	24	.2	.2	.2	.3	.3	.3	.3	.4	.6	.6	1.1	.4	.3	1.57
INDIANA MONROE COUNTY SITE 01	68	24	.2	.2	.5	.7	.7	1.0	1.2	1.6	2.0	2.5	3.4	1.2	.9	2.27
PARKE COUNTY SITE 01	68	25	.2	.3	.4	.4	.5	.5	.6	.8	.9	1.4	3.1	.7	.6	1.86
MAINE ACADIA NAT PK SITE 01	68	26	.0	.2	.3	.4	.5	.6	.8	1.0	1.3	1.7	2.3	.8	.6	2.20
MARYLAND CALVERT COUNTY SITE 01	68	23	.2	.3	.3	.6	.9	.9	1.0	1.5	1.7	1.9	2.9	1.1	.8	2.16
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	.2	.2	.3	.4	.4	.7	.8	.9	.9	1.4	1.5	.7	.6	1.96
MISSOURI SHANNON COUNTY SITE 01	68	25	.2	.3	.5	.7	.9	1.1	1.2	1.5	1.6	1.9	2.5	1.1	1.0	1.96
MONTANA GLACIER NAT PK SITE 01	68	25	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.6	.1	.1	1.71
NEBRASKA THOMAS COUNTY SITE 01	68	24	.0	.1	.1	.2	.2	.3	.5	.6	.6	.9	1.2	.4	.3	2.31
NEVADA WHITE PINE COUNTY SITE 01	68	26	.0	.1	.2	.2	.2	.2	.2	.3	.4	1.0	1.3	.3	.2	2.07
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	.0	.2	.2	.2	.3	.4	.5	.6	.7	1.0	2.1	.5	.4	2.11
NEW YORK JEFFERSON COUNTY SITE 01	68	26	.2	.3	.3	.5	.6	.7	.9	1.2	1.6	2.3	5.8	1.1	.8	2.32
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	.1	.6	.6	.8	.8	1.0	1.1	1.7	1.8	2.5	2.9	1.2	1.0	2.10
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.2	.3	.5	.6	.7	.8	.8	.9	1.1	1.7	1.8	.8	.7	1.77
OREGON CURRY COUNTY SITE 01	68	26	.1	.1	.3	.3	.4	.4	.5	.5	.6	.7	1.1	.4	.4	1.85
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	.2	.3	.5	.6	.8	.9	1.0	1.2	1.5	1.7	3.0	1.0	.8	1.98
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	.2	.3	.7	.8	1.0	1.0	1.2	1.4	1.5	2.3	3.7	1.2	1.0	1.98
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	.3	.4	.5	.6	.7	.7	1.1	1.5	1.8	2.4	9.2	1.2	.9	2.06

*Data contributed by state or local agency.

Table 6-6 (continued). NITRATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.4	.1	.1	1.55
TEXAS MATAGORDA COUNTY SITE 01	68	25	.2	.3	.4	.5	.6	.7	.9	1.2	1.3	1.5	3.3	1.0	.8	2.01
VERMONT ORANGE COUNTY SITE 01	68	26	.1	.1	.2	.2	.3	.3	.4	.5	.6	1.1	1.2	.4	.3	2.22
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	.1	.1	.1	.2	.3	.5	.5	.8	1.1	1.2	1.4	.6	.4	2.59
WYOMING YELLOWSTONE PARK SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.3	.1	.1	1.52

*Data contributed by state or local agency.

Table 6-7. SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA GADSDEN SITE 01	68	25	2.2	3.2	4.2	5.0	6.8	7.1	8.4	8.9	11.0	13.6	28.7	8.4	7.0	1.82
HUNTSVILLE SITE 01	68	26	3.3	3.5	4.7	5.2	6.2	6.8	7.9	8.3	9.3	12.2	14.4	7.2	6.7	1.51
MOBILE SITE 01	68	24	3.9	4.3	6.0	6.6	7.9	8.9	12.3	12.9	15.9	17.1	32.4	11.0	9.5	1.73
MONTGOMERY SITE 01	68	26	3.3	3.5	4.0	4.2	4.9	5.3	6.0	8.5	9.5	11.6	15.0	6.6	5.9	1.57
ALASKA ANCHORAGE SITE 03	68	26	.5	.5	.8	.8	1.1	1.1	1.3	1.8	2.2	3.2	7.3	1.6	1.2	1.94
FAIRBANKS SITE 01	68	24	.9	1.4	1.6	1.9	2.1	2.2	2.4	2.7	3.2	4.3	5.4	2.5	2.3	1.50
ARIZONA MARICOPA COUNTY SITE 01	68	26	1.1	1.3	1.5	1.7	1.9	2.2	2.5	3.4	4.2	5.9	12.0	3.1	2.5	1.85
PHOENIX SITE 02	68	26	.9	1.0	2.3	2.5	2.6	2.9	3.1	4.3	5.0	6.8	18.4	4.2	3.3	1.87
TUCSON SITE 01	68	26	.6	1.4	1.6	1.7	2.1	2.3	3.2	3.3	4.0	6.0	10.1	3.1	2.6	1.87
ARKANSAS LITTLE ROCK SITE 01	68	25	2.1	2.6	2.6	3.3	3.5	4.6	5.1	6.1	6.2	6.9	14.0	5.0	4.4	1.61
TEXARKANA SITE 01	68	26	1.8	2.0	2.5	2.9	3.6	4.4	4.6	5.0	5.2	8.2	12.3	4.6	4.0	1.68
WEST MEMPHIS SITE 01	68	26	1.6	2.1	3.2	3.6	5.0	5.2	5.9	7.1	8.5	10.1	15.6	6.0	5.2	1.78
CALIFORNIA BURBANK SITE 01	68	26	2.4	4.3	5.1	5.6	7.1	10.2	11.8	14.3	15.6	18.3	38.7	11.0	9.0	1.90
GLENDALE SITE 01	68	26	2.7	4.3	6.5	6.5	7.5	9.1	11.6	14.2	15.3	17.2	29.3	10.8	9.3	1.73
LONG BEACH SITE 01	68	26	4.9	6.4	6.9	7.6	10.7	11.0	13.0	21.3	22.5	29.1	52.2	15.3	12.7	1.83
LOS ANGELES SITE 01	68	26	4.7	6.1	6.8	7.5	7.9	8.4	11.0	13.0	19.7	21.5	41.2	12.9	10.8	1.77
OAKLAND SITE 01	68	25	3.9	4.3	4.4	4.8	5.2	6.0	7.3	7.8	8.9	10.2	28.0	7.6	6.7	1.61
ONTARIO SITE 01	68	24	3.8	5.1	5.6	6.7	7.5	9.1	11.4	12.0	14.9	16.0	18.0	9.9	9.0	1.57
PASADENA SITE 01	68	26	3.9	4.1	5.9	6.9	9.2	10.4	13.6	15.2	16.6	19.6	40.7	12.2	10.3	1.82
RIVERSIDE SITE 01	68	26	2.1	3.4	5.4	7.0	7.4	8.8	10.1	11.5	12.5	13.4	36.5	9.8	8.3	1.80
SACRAMENTO SITE 01	68	26	1.1	1.5	1.9	2.2	3.8	4.0	4.3	4.7	6.1	7.8	10.5	4.2	3.5	1.83
SAN BERNARDINO SITE 01	68	26	2.8	3.6	4.8	5.4	6.6	7.0	10.0	11.2	14.0	16.2	35.8	9.8	8.0	1.87
SAN DIEGO SITE 01	68	26	2.8	3.5	4.9	5.3	5.6	6.4	9.2	11.0	12.2	17.9	29.0	9.1	7.6	1.80
SAN FRANCISCO SITE 01	68	26	3.0	3.9	5.3	5.7	6.0	7.2	8.3	9.1	9.8	17.4	28.5	8.8	7.6	1.69
COLORADO DENVER SITE 01	68	25	1.8	2.6	2.8	3.6	3.7	4.5	4.7	5.2	5.4	6.6	8.6	4.5	4.2	1.46
CONNECTICUT HARTFORD SITE 01	68	26	3.9	5.7	7.8	9.0	10.4	12.0	13.4	14.7	15.1	18.8	48.1	12.9	11.3	1.66
NEW HAVEN SITE 01	68	26	4.4	10.3	11.7	12.3	13.5	16.1	17.4	19.1	20.6	26.6	38.6	17.0	15.4	1.59

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith* mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE NEWARK SITE 01	68	25	5.3	6.3	7.3	8.4	8.6	9.4	10.0	11.8	13.3	20.1	28.0	11.2	10.3	1.50
WILMINGTON SITE 01	68	23	8.8	12.2	14.7	15.2	17.2	18.0	19.7	22.6	23.8	30.0	47.9	20.3	18.9	1.46
DC WASHINGTON SITE 01	68	26	5.6	8.1	9.1	11.6	13.9	14.6	16.3	19.1	19.8	23.9	29.3	15.4	14.3	1.52
FLORIDA JACKSONVILLE SITE 02	68	25	3.4	5.8	7.7	9.2	9.6	10.7	11.7	16.8	16.9	26.5	34.5	13.3	11.5	1.74
TAMPA SITE 02	68	24	2.7	5.2	7.2	8.0	9.3	11.6	12.4	13.1	17.2	19.0	28.5	11.6	10.2	1.73
GEORGIA ATLANTA SITE 01	68	26	3.4	4.2	5.1	6.4	7.1	7.5	7.8	9.1	9.1	10.0	12.6	7.4	7.1	1.39
HAWAII HONOLULU SITE 01	68	26	1.8	2.2	2.4	2.4	2.8	3.0	3.5	4.5	5.1	7.8	18.1	4.3	3.6	1.73
IDAHO BOISE SITE 01	68	26	.5	.8	.8	.8	.9	1.0	1.2	2.1	2.4	2.9	5.7	1.6	1.3	1.99
ILLINOIS CHICAGO SITE 01	68	25	.3	5.5	8.8	10.3	10.5	11.4	11.7	17.3	20.6	22.1	28.4	13.4	10.7	2.44
EAST ST LOUIS SITE 01	68	26	3.5	5.6	7.3	9.7	10.1	10.4	11.8	14.0	14.4	16.9	19.0	11.2	10.4	1.54
JOLIET SITE 01	68	22	4.5	5.9	7.6	10.1	10.8	11.7	13.0	13.5	14.6	18.1	25.4	12.0	11.0	1.55
ROCKFORD SITE 01	68	26	3.5	4.3	5.7	6.3	7.5	7.7	8.4	8.8	10.0	17.0	19.5	8.3	7.7	1.48
SPRINGFIELD SITE 01	68	23	2.2	3.8	5.0	6.0	6.2	6.9	7.1	7.3	8.3	8.4	19.0	7.0	6.4	1.50
INDIANA EAST CHICAGO SITE 01	68	26	7.1	9.2	10.0	10.4	13.5	13.7	15.7	16.2	19.0	29.3	32.7	15.7	14.4	1.51
HAMMOND SITE 01	68	26	5.3	6.3	6.9	7.9	10.1	10.8	12.2	15.0	15.7	16.7	34.9	12.3	11.1	1.57
INDIANAPOLIS SITE 01	68	25	7.4	7.9	8.7	9.0	9.5	10.4	11.7	14.3	15.0	18.6	26.0	12.2	11.6	1.40
SOUTH BEND SITE 01	68	24	4.2	4.5	5.4	7.6	9.1	11.4	13.5	14.5	15.1	17.5	110.9	14.6	10.7	1.97
IOWA CEDAR RAPIDS SITE 01	68	26	.5	2.0	2.4	2.9	3.4	4.1	5.4	6.1	10.4	12.2	15.8	5.7	4.4	2.20
DES MOINES SITE 01	68	26	1.4	2.1	3.1	3.6	3.9	4.0	4.2	4.6	5.7	10.9	13.7	4.9	4.2	1.70
DUBUQUE SITE 01	68	23	.8	2.9	3.4	3.7	4.9	5.6	5.8	6.3	10.6	14.2	21.2	6.8	5.4	2.03
KANSAS KANSAS CITY SITE 01	68	25	2.5	3.7	4.3	5.0	5.3	5.4	5.4	6.7	6.9	8.4	10.3	5.8	5.5	1.37
TOPEKA SITE 01	68	26	.8	1.3	2.1	2.2	3.2	3.3	3.6	4.2	4.4	7.0	12.3	3.8	3.2	1.85
WICHITA SITE 01	68	25	1.6	1.6	2.1	2.7	2.8	3.1	3.6	4.1	4.8	6.0	6.1	3.6	3.3	1.53
KENTUCKY ASHLAND SITE 02	69	23	2.9	7.8	8.8	9.5	10.0	11.3	13.5	17.7	19.0	21.2	26.0	13.3	12.0	1.62
COVINGTON SITE 01	68	25	3.0	5.2	6.3	7.0	7.4	8.5	10.0	10.6	12.1	13.0	15.9	9.0	8.6	1.49
LEXINGTON SITE 01	68	25	1.4	3.3	5.1	6.3	6.4	7.2	7.4	8.3	9.6	14.6	22.3	8.2	7.0	1.79

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KENTUCKY LOUISVILLE SITE 01	68	25	6.6	7.6	11.3	12.0	13.2	14.5	14.6	19.5	21.6	25.1	31.0	16.0	14.7	1.52
LOUISIANA NEW ORLEANS SITE 02	68	26	3.4	4.1	5.1	5.5	7.1	7.4	7.7	8.9	10.1	12.1	17.8	7.8	7.2	1.50
MAINE PORTLAND SITE 02	68	21	4.0	4.5	6.0	8.4	11.3	14.9	16.2	17.4	31.7	36.6	66.7	19.0	13.7	2.30
MARYLAND BALTIMORE SITE 01	68	26	3.2	5.5	7.3	8.4	9.6	9.9	13.4	14.1	14.8	22.6	28.9	12.5	10.9	1.72
MASSACHUSETTS BOSTON SITE 01	68	25	6.8	9.1	10.5	12.2	14.6	16.3	17.0	18.2	22.0	27.0	32.2	17.2	16.0	1.48
WORCESTER SITE 01	68	25	3.8	5.2	6.8	8.9	9.5	11.3	11.4	14.3	15.1	16.4	23.3	11.4	10.4	1.58
MICHIGAN DETROIT SITE 01	68	26	3.4	5.9	7.6	9.5	11.0	14.5	16.3	17.8	20.6	24.8	33.4	14.6	12.5	1.82
FLINT SITE 01	68	26	2,4	3.4	3.9	4.3	5.1	5.8	6.9	7.0	7.8	13.0	21.2	6.9	6.0	1.67
GRAND RAPIDS SITE 01	68	26	3.4	4.6	5.6	6.1	7.6	9.0	11.4	15.0	17.0	19.0	33.4	11.6	9.6	1.89
TRENTON SITE 01	68	25	5.1	6.5	7.3	9.4	9.7	10.6	12.9	15.2	18.3	21.8	23.5	12.6	11.4	1.58
MINNESOTA DULUTH SITE 01	68	24	.9	2.2	2.3	4.4	4.5	5.1	5.7	6.3	8.7	10.8	15.1	5.8	4.5	1.92
MINNEAPOLIS SITE 01	68	26	2.0	2.1	2.9	3.0	4.1	4.3	4.7	5.6	8.0	11.0	14.0	5.5	4.6	1.76
MOORHEAD SITE 01	68	26	1.6	2.5	2.8	3.0	3.5	3.6	4.4	5.4	5.9	7.0	15.1	4.6	4.0	1.66
ST PAUL SITE 01	68	26	.4	1.9	3.1	3.7	5.0	6.0	6.8	8.5	10.0	11.7	17.7	6.7	5.3	2.21
MISSISSIPPI JACKSON SITE 02	68	26	1.9	2.9	3.8	3.9	4.0	4.3	4.9	5.9	6.1	8.0	11.8	5.1	4.7	1.50
MISSOURI KANSAS CITY SITE 01	68	25	1.7	4.0	4.3	4.7	5.5	5.8	6.0	6.2	7.1	8.8	18.0	6.2	5.7	1.58
MONTANA HELENA SITE 01	68	24	.0	.6	1.1	1.5	1.6	1.9	2.4	3.2	4.9	9.2	10.9	3.2	2.0	3.00
NEBRASKA OMAHA SITE 01	68	25	.9	2.6	2.7	4.2	4.8	5.5	6.1	6.5	7.4	10.2	14.1	5.8	5.0	1.81
NEVADA LAS VEGAS SITE 01	68	25	.9	1.0	1.9	2.4	2.8	3.8	4.0	4.5	4.9	5.7	6.7	3.5	3.1	1.81
RENO SITE 01	68	26	1.3	1.3	1.6	1.6	2.1	2.2	2.6	3.4	4.6	7.2	13.0	3.4	2.7	1.89
NEW HAMPSHIRE CONCORD SITE 01	68	25	2.3	3.1	3.7	4.7	5.3	6.0	7.0	8.2	9.2	12.1	21.2	7.1	6.2	1.70
NEW JERSEY BAYONNE SITE 01	68	21	10.9	11.8	13.2	13.7	15.7	16.4	19.8	23.4	26.5	35.6	42.0	20.6	18.9	1.52
BURLINGTON COUNTY SITE 02	68	26	4.5	6.[illegible]	8.3	9.1	10.7	10.9	15.1	16.8	17.3	21.2	25.4	13.1	11.9	1.58
CAMDEN SITE 01	68	26	12.4	12.8	15.0	15.8	17.6	18.8	20.7	22.7	26.1	32.3	36.4	20.8	19.8	1.39
GLASSBORO SITE 01	68	25	3.9	6.2	7.7	8.9	9.4	11.6	13.0	14.5	18.7	23.5	31.3	13.4	11.8	1.68

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW JERSEY HAMILTON SITE 01	68	23	4.4	6.9	7.5	9.0	12.2	13.5	14.1	16.5	17.5	19.0	32.9	13.5	12.2	1.58
JERSEY CITY SITE 01	68	25	5.2	6.8	10.7	12.0	13.0	18.8	20.0	22.2	25.2	27.1	34.2	17.8	15.8	1.69
NEWARK SITE 01	68	24	3.6	6.3	8.0	10.6	12.8	13.3	16.3	17.2	23.4	26.5	36.1	15.1	13.2	1.74
PATERSON SITE 01	68	26	5.6	6.3	8.4	11.0	14.7	15.3	17.2	20.4	22.0	26.6	33.5	16.2	14.5	1.65
PERTH AMBOY SITE 01	68	26	8.4	9.1	10.4	10.6	11.1	11.6	14.8	16.8	19.2	28.5	29.6	15.1	13.9	1.49
TRENTON SITE 01	68	24	3.0	5.1	6.2	7.3	8.0	9.0	10.0	10.4	11.9	16.6	20.9	9.7	8.7	1.62
NEW MEXICO ALBUQUERQUE SITE 01	68	26	1.5	1.4	2.0	2.7	3.2	3.2	3.7	4.4	5.1	8.0	14.0	4.1	3.5	1.77
NEW YORK BINGHAMTON SITE 02	*68	44	.6	3.8	4.4	4.9	5.3	5.6	6.5	7.3	8.9	10.8	23.4	6.8	5.9	1.78
BUFFALO SITE 01	*68	48	1.9	5.0	5.6	7.7	10.0	10.5	11.4	14.1	18.3	20.1	34.4	12.4	10.5	1.81
ELMIRA SITE 01	*68	56	.4	3.5	4.3	4.7	5.4	5.9	6.5	7.9	8.9	11.9	21.7	7.0	6.1	1.81
GARDEN CITY SITE 01	*68	44	3.0	4.9	6.1	7.1	8.2	9.6	10.6	12.0	12.9	17.1	28.0	10.3	9.2	[illegible]
MASSENA SITE 01	*68	56	.1	2.6	3.3	4.2	4.8	5.3	6.3	7.5	10.3	13.4	25.5	7.0	5.3	2.42
MT VERNON SITE 01	*68	57	4.3	6.6	7.9	9.1	10.2	12.0	14.5	15.7	16.4	19.5	61.1	13.7	12.0	1.65
NEW ROCHELLE SITE 02	*68	54	3.4	7.8	8.0	8.9	9.9	10.9	12.0	15.3	17.3	23.0	34.1	12.9	11.6	1.59
NEW YORK CITY SITE 01	*68	50	5.5	8.4	13.7	15.1	17.2	18.5	20.6	23.5	26.5	34.0	53.0	21.0	18.6	1.67
NIAGARA FALLS SITE 01	*68	54	3.9	5.9	6.6	9.8	10.9	12.6	15.5	17.2	19.3	21.5	36.1	14.0	12.3	1.69
POUGHKEEPSIE SITE 01	*68	45	3.5	4.6	5.0	5.9	6.6	8.1	9.9	11.5	13.7	19.6	25.6	10.0	8.6	1.71
ROCHESTER SITE 01	*68	41	3.4	6.0	7.5	8.0	9.8	10.3	11.0	12.1	13.9	18.6	22.9	11.2	10.2	1.56
SCHENECTADY SITE 01	*68	43	3.1	3.9	4.7	5.2	5.9	6.9	8.2	9.4	11.5	14.0	29.2	8.4	7.3	1.65
SYRACUSE SITE 01	*68	43	1.6	5.9	6.2	6.8	8.3	8.7	9.8	11.1	13.3	15.7	20.9	9.9	8.9	1.61
TROY SITE 02	*68	41	3.3	4.7	5.2	6.6	7.2	8.3	9.1	10.2	13.1	16.4	32.4	9.6	8.4	1.64
UTICA SITE 01	*68	37	3.6	5.3	5.6	6.4	7.0	7.8	8.5	9.5	10.2	11.0	17.8	8.1	7.6	1.63
NORTH CAROLINA CHARLOTTE SITE 01	68	25	3.8	4.7	5.9	6.7	7.3	8.2	8.3	10.1	10.7	11.4	12.0	8.2	7.7	1.40
DURHAM SITE 01	68	23	3.3	4.1	5.3	6.0	6.8	7.6	8.1	9.5	10.2	12.9	20.3	8.4	7.5	1.57
NORTH DAKOTA BISMARCK SITE 01	68	26	.3	.9	2.2	2.6	2.7	3.0	3.2	3.7	4.0	5.0	7.3	3.1	2.6	2.01
OHIO AKRON SITE 01	68	25	4.4	5.4	7.9	9.5	10.2	11.5	14.4	16.9	18.0	23.4	29.9	13.6	12.0	1.71
CINCINNATI SITE 01	68	26	4.3	5.4	7.5	8.5	8.9	9.4	9.8	11.5	14.6	16.9	19.[illegible]	10.4	9.7	1.48
CLEVELAND SITE 01	68	26	6.5	9.4	11.6	12.7	13.5	16.5	17.8	20.1	20.9	25.7	39.3	17.2	15.9	1.51

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3														Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
OHIO COLUMBUS SITE 01	68	24	4.1	5.1	6.2	6.8	7.1	8.1	9.8	11.2	13.5	17.4	19.5	9.6	8.8	1.56
DAYTON SITE 01	68	26	3.3	3.9	4.9	6.0	7.7	8.1	9.0	10.9	11.6	15.3	19.0	9.0	8.1	1.62
TOLEDO SITE 01	68	26	4.9	6.0	6.8	7.7	8.7	11.3	12.7	14.1	16.6	21.0	27.7	12.1	10.8	1.61
YOUNGSTOWN SITE 01	68	25	5.7	7.6	7.8	9.9	10.3	12.7	13.6	15.5	17.8	22.3	42.1	14.3	12.8	1.60
OKLAHOMA OKLAHOMA CITY SITE 01	68	23	1.1	1.3	1.5	1.9	2.2	2.5	3.3	3.8	4.0	5.2	6.9	3.0	2.6	1.70
TULSA SITE 01	68	26	1.4	2.2	2.5	2.8	3.5	4.0	4.4	4.7	4.9	7.3	14.7	4.4	3.8	1.62
OREGON MEDFORD SITE 01	68	25	.9	1.3	1.7	2.1	2.2	2.5	3.0	3.9	5.5	6.5	15.1	3.8	2.9	2.03
PORTLAND SITE 01	68	26	1.0	1.5	3.6	3.8	4.4	6.7	9.3	10.5	11.7	14.1	25.0	8.0	6.0	2.29
PENNSYLVANIA ALLENTOWN SITE 01	68	26	5.4	7.1	8.5	10.0	11.4	11.9	13.0	14.2	15.5	18.5	22.2	12.3	11.6	1.42
ALTOONA SITE 01	68	23	4.3	5.4	8.0	9.4	10.9	11.9	13.4	14.6	15.8	19.3	20.8	12.2	11.2	1.54
BETHLEHEM SITE 02	68	24	5.5	6.7	8.7	12.2	12.9	13.6	16.0	16.6	20.5	26.1	35.2	15.2	13.6	1.62
HARRISBURG SITE 01	68	26	3.7	3.9	5.8	6.4	7.2	7.6	9.7	11.7	12.6	16.5	34.9	9.8	8.4	1.72
HAZELTON SITE 01	68	24	4.6	6.0	8.7	9.7	10.0	11.2	14.3	14.6	16.1	18.1	18.9	11.9	11.1	1.50
JOHNSTOWN SITE 01	68	24	7.1	9.1	9.3	11.0	11.3	13.5	15.8	16.1	19.1	19.6	33.1	14.6	13.7	1.43
PHILADELPHIA SITE 01	68	26	6.7	10.4	12.4	15.4	16.1	18.6	19.7	22.8	27.4	32.1	40.9	20.2	18.4	1.56
PITTSBURGH SITE 01	68	26	2.9	6.0	8.7	10.5	12.4	13.7	16.9	20.4	21.8	33.5	52.4	17.4	14.2	1.92
READING SITE 01	68	25	7.9	11.6	13.1	13.7	14.1	15.0	16.3	18.4	21.4	26.2	35.3	17.1	16.3	1.38
SCRANTON SITE 01	68	26	10.4	11.8	14.4	15.9	19.5	19.6	23.2	28.9	29.4	31.5	34.7	21.6	20.3	1.44
WARMINSTER SITE 01	68	25	2.7	5.0	5.8	6.6	9.2	10.6	12.0	13.7	15.4	18.3	36.8	11.6	9.9	1.76
WEST CHESTER SITE 01	68	25	2.5	3.9	4.9	5.6	6.8	8.9	9.4	11.1	13.9	15.8	17.5	9.1	8.1	1.69
WILKES BARRE SITE 01	68	25	4.9	6.7	8.2	10.0	14.3	15.2	15.5	18.5	19.7	21.0	24.6	14.5	13.2	1.59
YORK SITE 01	68	25	6.0	9.7	10.7	11.6	12.9	14.5	15.5	18.1	19.0	21.3	25.4	15.1	14.3	1.41
PUERTO RICO BAYAMON SITE 01	68	26	.6	3.3	4.6	5.3	6.5	7.9	9.3	13.9	16.9	18.1	21.2	9.7	7.8	2.19
GUAYANILLA SITE 01	68	26	.5	.7	1.2	1.4	1.6	1.7	2.0	2.7	3.7	5.6	7.3	2.5	1.9	2.02
PONCE SITE 01	68	25	1.9	3.0	3.1	4.0	4.8	5.3	5.6	5.9	6.4	8.2	9.0	5.2	4.9	1.46
RHODE ISLAND EAST PROVIDENCE SITE 01	68	26	3.9	4.7	5.8	6.8	8.4	9.9	11.0	12.2	15.6	22.6	24.3	11.0	9.7	1.69
PROVIDENCE* SITE 01	68	26	4.2	7.3	9.4	10.3	11.8	13.8	14.4	16.9	18.2	22.6	27.9	14.0	12.9	1.54

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH CAROLINA COLUMBIA SITE 01	68	24	3.1	3.5	3.8	4.9	5.5	6.8	8.0	8.9	10.8	13.9	23.7	7.8	6.8	1.70
GREENVILLE SITE 01	68	25	2.7	4.4	5.4	5.7	6.0	6.2	6.3	7.3	8.4	11.0	15.0	7.0	6.6	1.4[illegible]
SOUTH DAKOTA SIOUX FALLS SITE 01	68	23	.1	.7	1.1	1.6	1.8	2.0	2.0	2.4	2.7	3.7	18.7	2.7	1.8	2.54
TENNESSEE CHATTANOOGA SITE 01	68	25	2.4	4.5	5.2	6.3	6.7	9.2	10.1	12.0	12.4	15.6	22.0	9.4	8.2	1.72
KNOXVILLE SITE 01	68	26	3.3	4.7	7.0	7.2	7.8	7.9	9.3	11.0	13.0	14.7	19.3	9.5	8.7	1.54
MEMPHIS SITE 01	68	25	2.2	3.2	3.4	4.0	4.1	4.4	4.7	5.8	7.6	9.0	13.4	5.6	5.0	1.61
NASHVILLE SITE 01	68	25	5.2	5.7	6.1	6.5	6.8	7.9	8.2	8.5	14.0	16.9	23.0	9.5	8.6	1.53
TEXAS DALLAS SITE 02	68	23	1.0	1.5	1.9	2.1	2.6	3.3	4.1	4.5	4.7	5.3	17.6	3.7	3.2	1.76
HOUSTON SITE 01	68	26	1.4	2.2	2.7	2.8	4.0	4.6	5.9	7.2	7.5	11.3	24.1	6.0	4.8	1.95
PASADENA SITE 01	68	26	2.6	3.4	3.6	4.7	6.0	6.6	7.3	8.9	9.4	13.7	16.3	7.5	6.6	1.67
SAN ANTONIO SITE 01	68	26	1.6	2.0	2.2	2.4	2.8	2.9	3.1	3.7	4.2	4.7	6.5	3.2	3.0	1.4[illegible]
UTAH OGDEN SITE 01	68	25	1.1	1.3	1.5	1.8	2.1	2.3	2.7	3.0	3.4	5.3	9.2	2.9	2.5	1.73
SALT LAKE CITY SITE 01	68	26	1.4	1.7	2.3	2.6	3.0	3.7	4.1	5.2	8.7	11.6	20.6	5.2	4.0	2.02
VERMONT BURLINGTON SITE 01	68	24	2.1	3.1	3.5	4.5	4.7	5.2	6.5	7.5	9.9	13.5	14.5	6.6	5.8	1.70
VIRGINIA DANVILLE SITE 01	68	25	3.2	3.4	6.0	6.8	7.9	8.9	9.5	10.5	11.6	12.3	22.8	9.3	8.3	1.65
HAMPTON SITE 01	68	26	4.0	5.2	6.1	7.4	8.0	8.7	10.1	11.0	11.2	15.3	22.9	9.8	8.9	1.52
LYNCHBURG SITE 01	68	26	4.4	5.5	7.0	7.9	8.3	9.8	10.4	11.1	11.6	14.0	20.8	9.9	9.3	1.44
NORFOLK SITE 01	68	26	6.3	7.0	8.2	9.1	10.8	11.4	12.4	13.7	17.2	22.4	25.3	12.9	11.9	1.50
PORTSMOUTH SITE 01	68	26	.6	4.8	7.7	9.1	10.8	11.7	13.1	16.3	19.4	23.1	49.0	13.6	10.6	2.3[illegible]
RICHMOND SITE 01	68	26	4.7	6.0	6.6	7.0	7.8	9.1	10.4	10.7	11.7	14.7	18.5	9.6	9.0	1.40
ROANOKE SITE 01	68	25	3.4	5.4	5.6	6.4	7.1	8.7	9.4	10.9	13.0	15.6	23.3	9.8	8.8	1.59
WASHINGTON SEATTLE SITE 01	68	26	3.1	3.9	4.6	4.8	5.1	5.8	6.3	7.3	8.5	9.3	17.3	6.5	6.0	1.46
WEST VIRGINIA CHARLESTON SITE 01	68	26	6.4	9.2	18.3	20.5	26.6	33.8	54.8	81.0	82.8	99.9	156.2	48.7	36.1	2.35
WISCONSIN EAU CLAIRE SITE 01	68	24	1.7	1.7	2.5	2.9	3.6	4.1	4.5	4.8	6.8	10.2	19.1	5.0	4.1	1.86
KENOSHA SITE 01	68	26	2.0	2.6	4.1	4.7	5.2	6.6	7.5	9.4	10.7	14.3	23.7	7.6	6.4	1.86
MADISON SITE 01	68	25	1.9	2.9	3.7	4.7	5.0	5.5	5.6	5.9	7.1	11.7	14.4	6.1	5.5	1.62

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WISCONSIN MILWAUKEE SITE 01	68	25	3.3	4.3	5.9	7.3	7.7	12.5	12.6	13.7	16.2	22.0	32.1	11.9	10.1	1.83
SUPERIOR SITE 01	68	24	1.4	2.8	4.9	5.7	6.0	6.7	7.7	8.8	10.2	12.1	15.0	7.3	6.4	1.77
WYOMING CASPER SITE 01	68	26	2.1	2.1	2.4	2.6	2.9	3.0	3.4	4.2	4.5	6.3	8.2	3.6	3.4	1.46
CHEYENNE SITE 01	68	26	.5	1.0	1.2	1.3	1.4	1.6	1.6	1.8	2.7	3.6	5.2	1.9	1.7	1.65

*Data contributed by state or local agency.

Table 6-8. SULFATES, STATE OF WASHINGTON FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WASHINGTON BELLINGHAM SITE 01	68	31	.7	1.8	2.1	2.6	2.8	3.4	3.5	5.0	8.1	10.8	12.2	4.7	3.7	2.13
BREMERTON SITE 01	68	94	.6	3.0	4.7	5.0	5.9	6.1	6.9	7.4	9.2	11.0	70.0	7.4	6.1	1.80
EVERETT SITE 02	68	83	.0	4.0	5.3	6.0	6.6	7.0	7.9	8.5	9.0	10.0	13.7	7.1	6.5	1.81
OLYMPIA SITE 01	68	100	.0	1.4	2.6	3.0	3.8	4.3	5.0	5.2	6.4	7.1	15.0	4.4	3.7	1.97
SEATTLE SITE 02	68	98	2.6	3.2	4.6	5.2	5.9	6.0	7.0	7.9	9.1	10.0	70.0	7.2	6.3	1.60
SPOKANE SITE 01	68	80	.0	1.9	3.0	3.1	4.0	4.3	5.0	6.1	8.0	10.1	17.0	5.4	4.2	2.38
TACOMA SITE 01	68	96	1.1	2.8	4.3	5.0	5.9	6.5	7.0	8.2	9.0	9.7	18.7	6.7	6.0	1.65
VANCOUVER SITE 01	68	99	.0	2.7	3.3	4.0	4.8	5.2	6.0	6.8	8.0	10.0	15.2	5.8	5.0	1.86

*Data contributed by state or local agency.

Table 6-9. SULFATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m^3													Std geo dev
				Frequency distribution, percent												
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.3	.3	.5	.6	.9	1.2	1.6	1.9	2.4	3.3	7.5	1.7	1.2	2.42
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.7	1.3	2.0	2.7	3.0	3.3	3.7	4.3	4.8	8.2	10.6	3.9	3.3	1.86
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.2	1.6	2.0	2.0	2.3	2.5	3.6	3.8	4.0	4.5	7.1	3.0	2.6	1.97
COLORADO MESA VERDE NAT PK SITE 01	68	22	.6	.6	.8	1.1	1.2	1.2	1.5	1.6	1.9	2.2	4.0	1.5	1.3	1.65
DELAWARE KENT COUNTY SITE 01	68	24	4.2	5.7	5.8	6.8	7.4	7.7	8.2	12.1	13.6	13.9	20.7	9.5	8.7	1.52
IDAHO BUTTE COUNTY SITE 01	68	24	.3	.6	.6	.8	.5	1.0	1.1	1.2	1.7	1.8	2.2	1.1	1.0	1.62
INDIANA MONROE COUNTY SITE 01	68	24	3.2	3.7	5.2	5.9	7.1	8.9	9.9	10.6	13.4	15.6	27.5	9.7	8.4	1.73
PARKE COUNTY SITE 01	68	25	2.5	3.6	4.4	5.6	5.6	6.3	7.0	8.5	8.9	10.4	15.2	6.9	6.4	1.53
MAINE ACADIA NAT PK SITE 01	68	26	.3	1.9	3.0	3.3	3.4	4.0	6.8	7.1	8.1	10.6	18.0	5.8	4.4	2.33
MARYLAND CALVERT COUNTY SITE 01	68	23	6.2	7.6	8.0	9.8	12.4	12.8	13.7	14.8	15.7	22.6	37.5	14.1	12.7	1.57
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	2.3	2.6	2.8	3.3	3.6	4.2	4.5	5.6	9.0	10.8	14.3	5.6	4.8	1.76
MISSOURI SHANNON COUNTY SITE 01	68	25	1.6	2.4	3.1	3.5	3.6	3.9	4.4	4.9	6.5	8.6	10.4	4.7	4.2	1.59
MONTANA GLACIER NAT PK SITE 01	68	25	.0	.6	.6	.7	.8	1.0	1.1	1.3	1.4	1.9	7.0	1.4	1.0	2.24
NEBRASKA THOMAS COUNTY SITE 01	68	24	.7	.8	1.0	1.1	1.4	1.7	1.8	1.9	2.2	2.3	5.0	1.7	1.5	1.59
NEVADA WHITE PINE COUNTY SITE 01	68	26	.0	.3	.4	.5	.8	.9	1.1	1.5	2.0	2.3	4.6	1.2	.9	2.43
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	2.2	3.3	3.7	4.2	5.2	5.5	6.5	8.4	11.1	14.0	19.5	7.3	6.2	1.78
NEW YORK JEFFERSON COUNTY SITE 01	68	26	2.0	2.7	3.6	4.5	5.4	6.8	7.9	10.9	16.1	24.1	36.5	10.0	7.3	2.21
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	3.4	4.2	4.5	6.3	6.9	8.7	9.7	10.5	11.0	18.0	24.0	9.4	8.2	1.70
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.9	1.6	1.8	2.2	2.3	3.3	3.4	4.7	4.8	5.4	8.8	3.4	3.0	1.72
OREGON CURRY COUNTY SITE 01	68	26	1.7	2.1	2.6	2.9	3.2	3.8	4.2	4.7	5.0	5.7	6.7	3.8	3.6	1.43
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	6.0	6.3	7.2	7.5	7.8	9.0	10.4	11.0	11.4	13.2	23.4	9.8	9.3	1.37
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	1.8	3.9	5.6	5.9	7.2	7.3	9.9	13.8	14.7	17.8	32.8	10.5	8.6	1.92
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	2.5	5.0	5.4	5.7	7.0	7.1	7.9	8.5	8.7	9.7	14.8	7.4	6.9	1.45

*Data contributed by state or local agency.

Table 6-9 (continued). SULFATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency di bution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.6	.6	.6	.7	.9	.9	1.0	1.0	1.5	2.4	.9	.8	1.79
TEXAS MATAGORDA COUNTY SITE 01	68	25	.1	1.4	2.1	2.6	2.8	3.2	3.8	4.2	5.5	7.4	8.1	3.8	3.1	2.39
VERMONT ORANGE COUNTY SITE 01	68	26	1.9	3.3	4.2	5.0	5.5	5.7	7.8	9.2	11.7	12.8	16.8	7.5	6.6	1.72
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	1.8	4.2	5.2	6.2	6.8	7.5	8.5	9.6	10.9	14.1	15.5	8.1	7.3	1.66
WYOMING YELLOWSTONE PARK SITE 01	68	26	.5	.7	1.0	1.0	1.5	1.5	1.7	1.8	2.0	2.2	2.9	1.5	1.4	1.58

*Data contributed by state or local agency.

SECTION 7.
URBAN AND NONURBAN METALS IN SUSPENDED PARTICULATES

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Table 7-1. ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.00	.00	.00	.00	.00
GADSDEN SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE SITE 01	67	.00	.00	.00	.00	.00
MOBILE SITE 01	66	.00	.00	.00	.00	.00
MONTGOMERY SITE 01	67	.00	.00	.00	.00	.00
ALASKA ANCHORAGE SITE 02	66	.00	.00	.00	.00	.00
SITE 03	67	.00	.00	.00	.00	.00
FAIRBANKS SITE 01	67	.00	.00	.00	.00	.00
ARIZONA MARICOPA COUNTY SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PHOENIX SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TUCSON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS LITTLE ROCK SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST MEMPHIS SITE 01	66	.00	.00	.00	[illegible]	.00
CALIFORNIA BURBANK SITE 02	66	.00	.00	.00	.00	.00
GLENDALE SITE 01	67	.00	.00	.00	.00	.00
LONG BEACH SITE 01	67	.00	.00	.00	.00	.00
LOS ANGELES SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OAKLAND SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA SITE 01	66	.00	.00	.00	.00	.00
SAN DIEGO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SAN FRANCISCO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO DENVER SITE 01	66	.00	.00	.00	.00	.00
CONNECTICUT HARTFORD SITE 01	66	.00	.00	.00	.00	.00
NEW HAVEN SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DELAWARE NEWARK SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WILMINGTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GEORGIA ATLANTA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAWAII HONOLULU SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO BOISE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ILLINOIS CHICAGO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
EAST ST LOUIS SITE 01	67	.00	.00	.00	.00	.00
ROCKFORD SITE 01	67	.00	.00	.00	.00	.00
SPRINGFIELD SITE 01	67	.00	.00	.00	.00	.00
INDIANA EAST CHICAGO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAMMOND SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
INDIANAPOLIS SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MUNCIE SITE 01	66	.00	.00	.04	.00	.01
	67	.00	.00	.00	.00	.00
NEW ALBANY SITE 02	67	.00	.00	.00	.00	.00
SOUTH BEND SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TERRE HAUTE SITE 01	67	.00	.00	.00	.00	.00
IOWA CEDAR RAPIDS SITE 01	67	.00	.00	.00	.00	.00
DAVENPORT SITE 01	66	.00	.00	.00	.00	.00
DES MOINES SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DUBUQUE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KANSAS KANSAS CITY SITE 01	66	.00	.00	.00	.00	.00
TOPEKA SITE 01	67	.00	.00	.00	.00	.00
WICHITA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KENTUCKY ASHLAND SITE 01	66	.00	.00	.00	.00	.00
COVINGTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-1 (continued). ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.00	.00	.00	.00	.00
LOUISVILLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MARYLAND						
BALTIMORE						
SITE 01	66	.00	.00	.00	.15	.01
	67	.00	.00	.00	.00	.00
MICHIGAN						
DETROIT						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
FLINT						
SITE 01	67	.00	.00	.00	.00	.00
GRAND RAPIDS						
SITE 01	67	.00	.00	.00	.00	.00
MINNESOTA						
DULUTH						
SITE 01	66	.00	.00	.00	.00	.00
MINNEAPOLIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MOORHEAD						
SITE 01	66	.00	.00	.00	.00	.00
ST PAUL						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSISSIPPI						
JACKSON						
SITE 01	66	.00	.00	.00	.00	.00
MISSOURI						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ST LOUIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MONTANA						
HELENA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEBRASKA						
OMAHA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.04	.00	.00	.01
NEVADA						
LAS VEGAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RENO						
SITE 01	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW JERSEY						
BAYONNE						
SITE 01	67	.00	.00	.00	.00	.00
BURLINGTON COUNTY						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CAMDEN						
SITE 01	66	.00	.00	.00	.00	.00
GLASSBORO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEWARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PATERSON						
SITE 01	67	.00	.00	.00	.00	.00
PERTH AMBOY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TRENTON						
SITE 01	66	.00	.00	.00	.00	.00
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
NEW YORK CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OHIO						
AKRON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CINCINNATI						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CLEVELAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLUMBUS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DAYTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	[illegible]	.00	.00	.00	.00
TOLEDO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
YOUNGSTOWN						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TULSA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
EUGENE						
SITE 01	67	.00	.00	.00	.00	.00
MEDFORD						
SITE 01	67	.00	.00	.00	.00	.00
PORTLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.00	.00	.00	.00	.00
ALTOONA						
SITE 01	67	.00	.00	.00	.00	.00
BETHLEHEM						
SITE 01	67	.00	.00	.00	.00	.00

Table 7-1 (continued). ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PHILADELPHIA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PITTSBURGH SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
READING SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WARMINSTER SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST CHESTER SITE 01	67	.00	.00	.00	.00	.00
YORK SITE 01	67	.00	.00	.00	.00	.00
PUERTO RICO BAYAMON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CATANO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GUAYANILLA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PONCE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.00	.00	.00	.00	.00
PROVIDENCE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH CAROLINA COLUMBIA SITE 01	67	.00	.00	.00	.00	.00
GREENVILLE SITE 01	66	.00	.00	.00	.00	.00
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE CHATTANOOGA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KNOXVILLE SITE 01	67	.00	.00	.00	.00	.00
MEMPHIS SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TEXAS DALLAS SITE 01	66	.00	.00	.00	.00	.00
HOUSTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH OGDEN SITE 01	66	.00	.00	.00	.00	.00
SALT LAKE CITY SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT BURLINGTON SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA DANVILLE SITE 01	66	.00	.00	.00	.00	.00
HAMPTON SITE 01	67	.00	.00	.00	.00	.00
LYNCHBURG SITE 01	67	.00	.00	.00	.00	.00
NORFOLK SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PORTSMOUTH SITE 01	67	.00	.00	.00	.00	.00
RICHMOND SITE 01	67	.00	.00	.00	.00	.00
ROANOKE SITE 01	67	.00	.00	.00	.00	.00
WASHINGTON SEATTLE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST VIRGINIA CHARLESTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WISCONSIN KENOSHA SITE 01	67	.00	.00	.00	.00	.00
MADISON SITE 01	67	.00	.00	.00	.00	.00
MILWAUKEE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WYOMING CASPER SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-2. ANTIMONY, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.00	.00	.00
DELAWARE						
KENT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO						
BUTTE COUNTY						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
MONROE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PARKE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MAINE						
ACADIA NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MONTANA						
GLACIER NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
CURRY COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT						
ORANGE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.00	.00	.00	.00	.00
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-3. BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.0002	.0002	.0000	.0004	.0002
GADSDEN SITE 01	66	.0000	.0000	.0000	.0000	.0000
HUNTSVILLE SITE 01	67	.0000	.0000	.0000	.0000	.0000
MOBILE SITE 01	66	.0000	.0000	.0002	.0000	.0000
MONTGOMERY SITE 01	67	.0000	.0000	.0000	.0000	.0000
ALASKA ANCHORAGE SITE 02	66	.0000	.0000	.0000	.0000	.0000
SITE 03	67	.0000	.0000	.0000	.0000	.0000
FAIRBANKS SITE 01	67	.0000	.0000	.0000	.0000	.0000
ARIZONA MARICOPA COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PHOENIX SITE 02	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TUCSON SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS LITTLE ROCK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WEST MEMPHIS SITE 01	66	.0000	.0000	.0000	.0000	.0000
CALIFORNIA BURBANK SITE 02	66	.0000	.0000	.0000	.0000	.0000
GLENDALE SITE 01	67	.0000	.0000	.0000	.0000	.0000
LONG BEACH SITE 01	67	.0000	.0000	.0000	.0000	.0000
LOS ANGELES SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OAKLAND SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PASADENA SITE 01	66	.0000	.0000	.0000	.0000	.0000
SAN DIEGO SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SAN FRANCISCO SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO DENVER SITE 01	66	.0000	.0000	.0000	.0000	.0000
CONNECTICUT HARTFORD SITE 01	66	.0000	.0000	.0000	.0000	.0000
NEW HAVEN SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE NEWARK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WILMINGTON SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
GEORGIA ATLANTA SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
HAWAII HONOLULU SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
IDAHO BOISE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ILLINOIS CHICAGO SITE 01	66	.0003	.0000	.0003	.0002	.0002
	67	.0003	.0000	.0000	.0003	.0001
EAST ST LOUIS SITE 01	67	.0000	.0000	.0003	.0000	.0001
ROCKFORD SITE 01	67	.0000	.0000	.0000	.0000	.0000
SPRINGFIELD SITE 01	67	.0000	.0000	.0003	.0000	.0001
INDIANA EAST CHICAGO SITE 01	66	.0003	.0002	.0004	.0007	.0004
	67	.0004	.0003	.0006	.0002	.0004
HAMMOND SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0004	.0003	.0000	.0002
INDIANAPOLIS SITE 01	66	.0000	.0000	.0004	.0005	.0002
	67	.0004	.0005	.0003	.0002	.0003
MUNCIE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW ALBANY SITE 01	67	.0000	.0000	.0000	.0000	.0000
SOUTH BEND SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TERRE HAUTE SITE 01	67	.0003	.0002	.0000	.0000	.0002
IOWA CEDAR RAPIDS SITE 01	67	.0003	.0005	.0000	.0000	.0002
DAVENPORT SITE 01	66	.0000	.0000	.0000	.0000	.0000
DES MOINES SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DUBUQUE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KANSAS KANSAS CITY SITE 01	66	.0000	.0000	.0000	.0000	.0000
TOPEKA SITE 01	67	.0000	.0000	.0000	.0000	.0000
WICHITA SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KENTUCKY ASHLAND SITE 01	66	.0000	.0002	.0003	.0004	.0002
COVINGTON SITE 01	66	.0006	.0000	.0002	.0002	.0002
	67	.0000	.0002	.0002	.0001	.0001

Table 7-3 (continued). BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.0003	.0002	.0000	.0000	.0001
LOUISVILLE						
SITE 01	66	.0000	.0003	.0000	.0000	.0001
	67	.0004	.0000	.0002	.0000	.0001
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.0001	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND						
BALTIMORE						
SITE 01	66	.0000	.0000	.0000	.0003	.0001
	67	.0000	.0000	.0000	.0000	.0000
MICHIGAN						
DETROIT						
SITE 01	66	.0000	.0003	.0002	.0005	.0002
	67	.0005	.0005	.0005	.0003	.0004
FLINT						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
GRAND RAPIDS						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MINNESOTA						
DULUTH						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
MINNEAPOLIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
MOORHEAD						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
ST PAUL						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSISSIPPI						
JACKSON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
MISSOURI						
KANSAS CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
ST LOUIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA						
HELENA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA						
OMAHA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA						
LAS VEGAS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RENO						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW JERSEY						
BAYONNE						
SITE 01	67	.0003	.0000	.0000	.0000	.0001
BURLINGTON COUNTY						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0002	.0000	.0001
CAMDEN						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
GLASSBORO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar	4th quar	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0003	.0000	.0000	.0001
NEWARK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
PATERSON						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PERTH AMBOY						
SITE 01	66	.0000	.0000	.0002	.0000	.0000
	67	.0002	.0000	.0002	.0000	.0001
TRENTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0002	.0006	.0000	.0002
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OHIO						
AKRON						
SITE 01	66	.0000	.0002	.0003	.0006	.0002
	67	.0006	.0006	.0003	.0000	.0003
CINCINNATI						
SITE 01	66	.0000	.0003	.0000	.0002	.0001
	67	.0015	.0000	.0006	.0000	.0005
CLEVELAND						
SITE 01	66	.0002	.0002	.0002	.0000	.0001
	67	.0005	.0006	.0002	.0000	.0003
COLUMBUS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0004	.0000	.0002	.0000	.0001
DAYTON						
SITE 01	66	.0002	.0002	.0000	.0002	.0001
	67	.0008	.0007	.0004	.0003	.0005
TOLEDO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0002	.0006	.0000	.0002
YOUNGSTOWN						
SITE 01	66	.0000	.0006	.0009	.0012	.0006
	67	.0006	.0007	.0003	.0000	.0006
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TULSA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON						
EUGENE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MEDFORD						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PORTLAND						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.0000	.0003	.0000	.0000	.0001
ALTOONA						
SITE 01	67	.0000	.0002	.0000	.0000	.0000
BETHLEHEM						
SITE 01	67	.0000	.0000	.0000	.0000	.0000

Table 7-3 (continued). BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, μg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0003	.0000	.0000	.0000	.0001
PHILADELPHIA SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0002	.0000	.0000	.0001
PITTSBURGH SITE 01	66	.0000	.0000	.0002	.0000	.0000
	67	.0002	.0004	.0002	.0002	.0002
READING SITE 01	66	.0004	.0000	.0005	.0016	.0016
	67	.0005	.0000	.0002	.0000	.0002
WARMINSTER SITE 01	66	.0003	.0000	.0000	.0000	.0001
	67	.0012	.0000	.0000	.0000	.0000
WEST CHESTER SITE 01	67	.0000	.0000	.0000	.0000	.0000
YORK SITE 01	67	.0000	.0000	.0000	.0000	.0000
PUERTO RICO BAYAMON SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CATANO SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
GUAYANILLA SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PONCE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.0000	.0000	.0000	.0000	.0000
PROVIDENCE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA COLUMBIA SITE 01	67	.0000	.0000	.0000	.0000	.0000
GREENVILLE SITE 01	66	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.0000	.0000	.0000	.0000	.0000
TENNESSEE CHATTANOOGA SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KNOXVILLE SITE 01	67	.0004	.0000	.0000	.0000	.0001
MEMPHIS SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NASHVILLE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, μg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS DALLAS SITE 01	66	.0000	.0000	.0000	.0000	.0000
HOUSTON SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PASADENA SITE 01	67	.0000	.0000	.0000	.0000	.0000
SAN ANTONIO SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
UTAH OGDEN SITE 01	66	.0000	.0000	.0000	.0000	.0000
SALT LAKE CITY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT BURLINGTON SITE 01	66	.0000	.0000	.0000	.0000	.0000
VIRGINIA DANVILLE SITE 01	66	.0002	.0000	.0000	.0000	.0000
HAMPTON SITE 01	67	.0000	.0000	.0000	.0000	.0000
LYNCHBURG SITE 01	67	.0000	.0000	.0000	.0000	.0000
NORFOLK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0002	.0000	.0000	.0000
PORTSMOUTH SITE 01	67	.0000	.0000	.0000	.0000	.0000
RICHMOND SITE 01	67	.0000	.0000	.0000	.0000	.0000
ROANOKE SITE 01	67	.0000	.0000	.0000	.0000	.0000
WASHINGTON SEATTLE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WEST VIRGINIA CHARLESTON SITE 01	66	.0004	.0004	.0006	.0007	.0005
	67	.0008	.0010	.0011	.0000	.0007
WISCONSIN KENOSHA SITE 01	67	.0000	.0000	.0000	.0000	.0000
MADISON SITE 01	67	.0000	.0000	.0000	.0000	.0000
MILWAUKEE SITE 01	66	.0000	.0000	.0003	.0000	.0001
	67	.0000	.0003	.0000	.0000	.0001
WYOMING CASPER SITE 01	67	.0000	.0000	.0000	.0000	.0000
CHEYENNE SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-4. BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, $\mu g/m^3$				
		1st quarter	2nd quarter	3rd quarter	2nd quarter	Yearly average
Arizona Grand Canyon Nat Pk Site 01	1966	0.00000	0.0000	0.00000	0.00000	0.00000
	1967	0.00000	0.0000	0.00000	0.00000	0.00000
Arkansas Montgomery County Site 01	1966	0.00000	0.0000	0.00000	0.00000	0.00000
	1967	0.00000	0.0000	0.00000	0.00000	0.00000
California Humboldt County Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Colorado Mesa Verde Nat Pk Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Delaware Kent County Site 01	1966	0.00010	0.00000	0.00000	0.00013	0.00006
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Idaho Butte County Site 01	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Indiana Monroe County Site 01	1966	0.00000	0.00000	0.00000	0.00009	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Parke County Site 01	1966	0.00010	0.00000	0.00000	0.00019	0.00007
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Maine Acadia Nat Pk Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Maryland Calvert County Site 01	1966	0.00007	0.00000	0.00000	0.00000	0.00002
	1967	0.00007	0.00000	0.00000	0.00000	0.00002
Mississippi Jackson County Site 01	1966	0.00009	0.00000	0.00000	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Missouri Shannon County Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000

Table 7-4 (continued). BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, $\mu g/m^3$				
		1st quarter	2nd quarter	3rd quarter	4th quarter	Yearly average
Montana						
Glacier Nat Pk						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Nebraska						
Thomas County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Nevada						
White Pine County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New Hampshire						
Coos County						
Site 01	1966	0.00000	0.00000	0.00010	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New Mexico						
Rio Arriba County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New York						
Jefferson County						
Site 01	1966	0.00000	0.00000	0.00009	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
North Carolina						
Cape Hatteras						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Oklahoma						
Cherokee County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Oregon						
Curry County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Pennsylvania						
Clarion County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00007	0.00002
Rhode Island						
Washington County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
South Carolina						
Richland County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00007	0.00002

Table 7-4 (continued). BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, μg/m³				
		1st quarter	2nd quarter	3rd quarter	4th quarter	Yearly average
South Dakota Black Hills Nat For Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Texas Matagorda County Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Vermont Orange County Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Virginia Shenandoah Nat Pk Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Wisconsin Door County Site 01	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Wyoming Yellowstone Park Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.000	.000	.001	.000	.000
GADSDEN SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE SITE 01	67	.000	.000	.000	.000	.000
MOBILE SITE 01	66	.000	.000	.000	.000	.000
MONTGOMERY SITE 01	67	.000	.000	.000	.000	.000
ALASKA ANCHORAGE SITE 02	66	.000	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS SITE 01	67	.000	.000	.000	.000	.000
ARIZONA MARICOPA COUNTY SITE 01	66	.002	.001	.001	.000	.002
	67	.002	.000	.000	.000	.000
PHOENIX SITE 02	66	.001	.000	.000	.000	.001
	67	.002	.001	.000	.000	.001
TUCSON SITE 01	66	.001	.000	.000	.002	.001
	67	.002	.000	.000	.000	.000
ARKANSAS LITTLE ROCK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA BURBANK SITE 02	66	.000	.000	.000	.000	.000
GLENDALE SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OAKLAND SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO DENVER SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT HARTFORD SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE NEWARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WILMINGTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA ATLANTA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII HONOLULU SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO BOISE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS CHICAGO SITE 01	66	.001	.000	.002	.002	.001
	67	.001	.000	.000	.000	.000
EAST ST LOUIS SITE 01	67	.000	.000	.000	.000	.000
ROCKFORD SITE 01	67	.000	.000	.000	.000	.000
SPRINGFIELD SITE 01	67	.000	.000	.000	.000	.000
INDIANA EAST CHICAGO SITE 01	66	.001	.001	.001	.001	.001
	67	.001	.002	.000	.000	.000
HAMMOND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
INDIANAPOLIS SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.000	.000	.000	.000
MUNCIE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY SITE 02	67	.002	.000	.000	.000	.000
SOUTH BEND SITE 01	66	.000	.001	.000	.000	.000
	67	.000	.000	.000	.000	.000
TERRE HAUTE SITE 01	67	.000	.000	.000	.000	.000
IOWA CEDAR RAPIDS SITE 01	67	.000	.000	.001	.000	.000
DAVENPORT SITE 01	66	.000	.000	.000	.000	.000
DES MOINES SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KANSAS KANSAS CITY SITE 01	66	.000	.000	.000	.000	.000
TOPEKA SITE 01	67	.000	.000	.000	.000	.000
WICHITA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY ASHLAND SITE 01	66	.000	.002	.001	.014	.004
COVINGTON SITE 01	66	.001	.000	.001	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE SITE 01	66	.005	.013	.005	.003	.006
	67	.003	.000	.004	.000	.002
LOUISIANA NEW ORLEANS SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND BALTIMORE SITE 01	66	.000	.000	.000	.001	.000
	67	.000	.000	.000	.000	.000
MICHIGAN DETROIT SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.001	.000	.000	.000
FLINT SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA DULUTH SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MOORHEAD SITE 01	66	.000	.000	.000	.000	.000
ST PAUL SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI JACKSON SITE 01	66	.000	.000	.000	.000	.000
MISSOURI KANSAS CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA HELENA SITE 01	66	.002	.000	.000	.001	.001
	67	.001	.000	.000	.000	.000
NEBRASKA OMAHA SITE 01	66	.000	.251	.014	.000	.066
	67	.000	.002	.000	.000	.000
NEVADA LAS VEGAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE CONCORD SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY BAYONNE SITE 01	67	.002	.000	.000	.000	.000
BURLINGTON COUNTY SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CAMDEN SITE 01	66	.000	.000	.000	.000	.000
GLASSBORO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.001	.000	.000	.000
NEWARK SITE 01	66	.001	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
PATERSON SITE 01	67	.000	.000	.000	.000	.000
PERTH AMBOY SITE 01	66	.000	.001	.002	.002	.001
	67	.003	.006	.001	.000	.002
TRENTON SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO ALBUQUERQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK NEW YORK CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.001	.000	.000	.001
NORTH CAROLINA CHARLOTTE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO AKRON SITE 01	66	.000	.000	.000	.002	.000
	67	.000	.000	.000	.000	.000
CINCINNATI SITE 01	66	.000	.001	.002	.000	.001
	67	.000	.000	.000	.000	.000
CLEVELAND SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.000	.000	.000	.000
COLUMBUS SITE 01	66	.003	.003	.010	.006	.006
	67	.004	.000	.006	.000	.002
DAYTON SITE 01	66	.001	.002	.000	.001	.001
	67	.000	.000	.000	.000	.000
TOLEDO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
YOUNGSTOWN SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON EUGENE SITE 01	67	.000	.000	.000	.000	.000
MEDFORD SITE 01	67	.000	.000	.000	.000	.000
PORTLAND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA ALLENTOWN SITE 01	67	.000	.000	.000	.000	.000
ALTOONA SITE 01	67	.000	.000	.000	.000	.000
BETHLEHEM SITE 01	67	.000	.000	.000	.000	.000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHILADELPHIA SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
PITTSBURGH SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
READING SITE 01	66	.001	.000	.000	.002	.001
	67	.000	.000	.000	.000	.000
WARMINSTER SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST CHESTER SITE 01	67	.000	.000	.000	.000	.000
YORK SITE 01	67	.000	.000	.000	.001	.000
PUERTO RICO BAYAMON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA COLUMBIA SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE CHATTANOOGA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KNOXVILLE SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS SITE 01	66	.000	.000	.000	.001	.000
	67	.000	.000	.001	.000	.000
NASHVILLE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS DALLAS SITE 01	66	.000	.000	.000	.000	.000
HOUSTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH OGDEN SITE 01	66	.000	.000	.000	.001	.000
SALT LAKE CITY SITE 01	66	.001	.001	.000	.002	.001
	67	.002	.000	.000	.000	.000
VERMONT BURLINGTON SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA DANVILLE SITE 01	66	.000	.000	.000	.000	.000
HAMPTON SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG SITE 01	67	.000	.000	.000	.000	.000
NORFOLK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH SITE 01	67	.000	.000	.000	.000	.000
RICHMOND SITE 01	67	.000	.000	.000	.000	.000
ROANOKE SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON SEATTLE SITE 01	66	.002	.001	.002	.002	.002
	67	.000	.000	.000	.000	.001
WEST VIRGINIA CHARLESTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN KENOSHA SITE 01	67	.000	.001	.000	.000	.000
MADISON SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.001	.000	.000	.000
WYOMING CASPER SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-6. BISMUTH, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar	 2nd quar	 3rd quar	 4th quar	 Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO MESA VERDE NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE KENT COUNTY SITE 01	66	.0004	.0000	.0000	.0004	.0002
	67	.0000	.0000	.0000	.0000	.0000
IDAHO BUTTE COUNTY SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA MONROE COUNTY SITE 01	66	.0004	.0000	.0000	.0000	.0001
	67	.0000	.0000	.0000	.0000	.0000
PARKE COUNTY SITE 01	66	.0013	.0010	.0000	.0000	.0006
	67	.0000	.0000	.0000	.0000	.0000
MAINE ACADIA NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND CALVERT COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSISSIPPI JACKSON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSOURI SHANNON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA GLACIER NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA THOMAS COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA WHITE PINE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK JEFFERSON COUNTY SITE 01	66	.0005	.0004	.0000	.0000	.0002
	67	.0000	.0000	.0000	.0000	.0000
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON CURRY COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TEXAS MATAGORDA COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT ORANGE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WISCONSIN DOOR COUNTY SITE 01	67	.0000	.0005	.0000	.0000	.0001
WYOMING YELLOWSTONE PARK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-7. CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.02	.00	.01	.00	.01
GADSDEN						
SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MOBILE						
SITE 01	66	.00	.00	.01	.02	.01
MONTGOMERY						
SITE 01	67	.00	.00	.00	.00	.00
ALASKA						
ANCHORAGE						
SITE 02	66	.00	.00	.00	.00	.00
SITE 03	67	.00	.00	.00	.00	.00
FAIRBANKS						
SITE 01	67	.02	.00	.01	.00	.01
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
PHOENIX						
SITE 02	66	.01	.01	.02	.03	.02
	67	.00	.00	.00	.00	.00
TUCSON						
SITE 01	66	.01	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.00	.01	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
CALIFORNIA						
BURBANK						
SITE 02	66	.00	.00	.01	.00	.00
GLENDALE						
SITE 01	67	.00	.00	.00	.00	.00
LONG BEACH						
SITE 01	67	.01	.00	.00	.00	.00
LOS ANGELES						
SITE 01	66	.01	.00	.02	.00	.01
	67	.00	.00	.00	.00	.00
OAKLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	66	.19	.00	.01	.00	.05
SAN DIEGO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SAN FRANCISCO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO						
DENVER						
SITE 01	66	.01	.00	.01	.00	.00
CONNECTICUT						
HARTFORD						
SITE 01	66	.00	.00	.00	.01	.00
NEW HAVEN						
SITE 01	66	.06	.01	.00	.01	.02
	67	.01	.01	.00	.00	.00
DELAWARE						
NEWARK						
SITE 01	66	.03	.05	.03	.01	.03
	67	.02	.00	.03	.00	.01
WILMINGTON						
SITE 01	66	.00	.00	.00	.01	.00
	67	.01	.00	.02	.00	.01
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GEORGIA						
ATLANTA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAWAII						
HONOLULU						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO						
BOISE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ILLINOIS						
CHICAGO						
SITE 01	66	.06	.00	.02	.05	.03
	67	.00	.02	.02	.00	.01
EAST ST LOUIS						
SITE 01	67	.01	.03	.03	.01	.02
ROCKFORD						
SITE 01	67	.01	.00	.13	.12	.06
SPRINGFIELD						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
EAST CHICAGO						
SITE 01	66	.01	.01	.01	.01	.01
	67	.01	.00	.02	.00	.01
HAMMOND						
SITE 01	66	.00	.01	.00	.00	.00
	67	.03	.01	.00	.00	.01
INDIANAPOLIS						
SITE 01	66	.00	.00	.03	.02	.01
	67	.01	.01	.01	.01	.01
MUNCIE						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.00	.00	.00	.00
NEW ALBANY						
SITE 02	67	.00	.00	.00	.00	.00
SOUTH BEND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TERRE HAUTE						
SITE 01	67	.00	.01	.00	.00	.00
IOWA						
CEDAR RAPIDS						
SITE 01	67	.00	.00	.00	.00	.00
DAVENPORT						
SITE 01	66	.00	.00	.02	.00	.00
DES MOINES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.00	.00	.00
DUBUQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
KANSAS						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
TOPEKA						
SITE 01	67	.01	.00	.00	.00	.00
WICHITA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.06	.00	.01
KENTUCKY						
ASHLAND						
SITE 01	66	.00	.00	.00	.00	.00
COVINGTON						
SITE 01	66	.01	.00	.01	.00	.00
	67	.00	.00	.01	.00	.00

Table 7-7 (continued). CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar.	4th quar	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.00	.00	.00	.00	.00
LOUISVILLE						
SITE 01	66	.00	.01	.00	.02	.01
	67	.02	.01	.01	.00	.01
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
MARYLAND						
BALTIMORE						
SITE 01	66	.00	.00	.01	.02	.01
	67	.02	.02	.00	.00	.01
MICHIGAN						
DETROIT						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.01	.01	.01
FLINT						
SITE 01	67	.01	.00	.00	.00	.00
GRAND RAPIDS						
SITE 01	67	.02	.01	.00	.00	.01
MINNESOTA						
DULUTH						
SITE 01	66	.00	.00	.00	.00	.00
MINNEAPOLIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MOORHEAD						
SITE 01	66	.00	.00	.00	.00	.00
ST PAUL						
SITE 01	66	.00	.00	.02	.00	.00
	67	.00	.00	.01	.00	.01
MISSISSIPPI						
JACKSON						
SITE 01	66	.00	.00	.01	.00	.00
MISSOURI						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.01	.01	.01
ST LOUIS						
SITE 01	66	.01	.00	.02	.00	.01
	67	.03	.02	.03	.01	.02
MONTANA						
HELENA						
SITE 01	66	.01	.00	.00	.00	.00
	67	.03	.00	.00	.00	.01
NEBRASKA						
OMAHA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.03	.00	.00	.01
NEVADA						
LAS VEGAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RENO						
SITE 01	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW JERSEY						
BAYONNE						
SITE 01	67	.08	.02	.01	.09	.05
BURLINGTON COUNTY						
SITE 02	66	.03	.00	.01	.00	.01
	67	.03	.01	.02	.00	.01
CAMDEN						
SITE 01	66	.00	.00	.02	.01	.01
GLASSBORO						
SITE 01	66	.01	.00	.00	.00	.00
	67	.02	.01	.00	.00	.01

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.00	.00	.02	.01	.01
	67	.02	.08	.00	.00	.02
NEWARK						
SITE 01	66	.00	.01	.14	.02	.04
	67	.05	.20	.01	.00	.07
PATERSON						
SITE 01	67	.01	.03	.01	.00	.01
PERTH AMBOY						
SITE 01	66	.02	.00	.04	.03	.02
	67	.04	.00	.03	.00	.02
TRENTON						
SITE 01	66	.02	.00	.01	.01	.01
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
NEW YORK CITY						
SITE 01	66	.00	.00	.02	.01	.01
	67	.02	.03	.02	.00	.02
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
OHIO						
AKRON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.01	.00	.00
CINCINNATI						
SITE 01	66	.00	.04	.01	.02	.02
	67	.01	.00	.00	.00	.00
CLEVELAND						
SITE 01	66	.03	.02	.03	.00	.02
	67	.19	.04	.05	.00	.07
COLUMBUS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DAYTON						
SITE 01	66	.00	.02	.00	.00	.00
	67	.01	.00	.01	.00	.00
TOLEDO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
YOUNGSTOWN						
SITE 01	66	.01	.03	.02	.00	.01
	67	.01	.03	.02	.11	.04
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TULSA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
EUGENE						
SITE 01	67	.00	.00	[illegible]	.00	.00
MEDFORD						
SITE 01	67	.00	.00	.00	.00	.00
PORTLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.01	.04	.02	.00	.02
ALTOONA						
SITE 01	67	.00	.00	.00	.00	.00
BETHLEHEM						
SITE 01	67	.01	.02	.07	.02	.03

Table 7-7 (continued). CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.00	.00	.01	.00	.00
	67	.01	.01	.00	.00	.00
PHILADELPHIA						
SITE 01	66	.02	.00	.01	.02	.01
	67	.02	.01	.01	.00	.01
PITTSBURGH						
SITE 01	66	.01	.00	.00	.00	.00
	67	.02	.02	.02	.01	.01
READING						
SITE 01	66	.00	.00	.01	.04	.01
	67	.02	.00	.01	.00	.01
WARMINSTER						
SITE 01	66	.01	.01	.02	.00	.01
	67	.04	.01	.00	.00	.01
WEST CHESTER						
SITE 01	67	.05	.02	.00	.00	.02
YORK						
SITE 01	67	.00	.00	.00	.00	.00
PUERTO RICO						
BAYAMON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.00	.00	.00
CATANO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GUAYANILLA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PONCE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.02	.01	.00	.00	.01
PROVIDENCE						
SITE 01	66	.00	.01	.00	.00	.00
	67	.00	.01	.00	.00	.00
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.00	.01	.00	.00	.00
GREENVILLE						
SITE 01	66	.00	.00	.00	.00	.00
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.02	.00	.01	.00	.01
	67	.01	.00	.01	.00	.00
KNOXVILLE						
SITE 01	67	.02	.00	.00	.00	.00
MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.00	.00	.00

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.00	.01	.00	.02	.01
HOUSTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH						
OGDEN						
SITE 01	66	.00	.00	.00	.00	.00
SALT LAKE CITY						
SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
VERMONT						
BURLINGTON						
SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA						
DANVILLE						
SITE 01	66	.00	.00	.00	.00	.00
HAMPTON						
SITE 01	67	.00	.00	.00	.00	.00
LYNCHBURG						
SITE 01	67	.00	.02	.00	.00	.00
NORFOLK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PORTSMOUTH						
SITE 01	67	.00	.00	.00	.00	.00
RICHMOND						
SITE 01	67	.00	.00	.00	.00	.00
ROANOKE						
SITE 01	67	.01	.00	.02	.00	.01
WASHINGTON						
SEATTLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.01	.00	.00	.00
WISCONSIN						
KENOSHA						
SITE 01	67	.03	.01	.01	.00	.01
MADISON						
SITE 01	67	.01	.00	.00	.00	.00
MILWAUKEE						
SITE 01	66	.00	.00	.02	.00	.00
	67	.00	.06	.00	.01	.02
WYOMING						
CASPER						
SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-8. CADMIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, μg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO MESA VERDE NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.011	.000	.005	.035	.012
	67	.000	.000	.000	.000	.000
IDAHO BUTTE COUNTY SITE 01	67	.000	.000	.000	.000	.000
INDIANA MONROE COUNTY SITE 01	66	.005	.005	.000	.008	.004
	67	.000	.000	.000	.000	.000
PARKE COUNTY SITE 01	66	.004	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
MAINE ACADIA NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND CALVERT COUNTY SITE 01	66	.004	.000	.000	.000	.001
	67	.017	.000	.000	.000	.004
MISSISSIPPI JACKSON COUNTY SITE 01	66	.005	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
MISSOURI SHANNON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA GLACIER NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.000	.000	.000	.004	.001
	67	.000	.000	.000	.000	.000
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK JEFFERSON COUNTY SITE 01	66	.000	.005	.006	.004	.004
	67	.000	.000	.000	.000	.000
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.003	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.010	.002
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.004	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS MATAGORDA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN DOOR COUNTY SITE 01	67	.000	.000	.000	.000	.000
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-9. CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration µg/m3 1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.012	.021	[illegible]	[illegible]	[illegible]
GADSDEN SITE 01	66	[illegible]	[illegible]	.012	[illegible]	[illegible]
HUNTSVILLE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOBILE SITE 01	66	[illegible]	.016	[illegible]	.025	.014
MONTGOMERY SITE 01	67	[illegible]	[illegible]	.011	[illegible]	[illegible]
ALASKA ANCHORAGE SITE 02	66	[illegible]	.007	[illegible]	[illegible]	.006
SITE 03	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FAIRBANKS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARIZONA MARICOPA COUNTY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHOENIX SITE 02	66	.006	[illegible]	[illegible]	.011	.006
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TUCSON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS LITTLE ROCK SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST MEMPHIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALIFORNIA BURBANK SITE 02	66	[illegible]	[illegible]	.027	.006	[illegible]
GLENDALE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LONG BEACH SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOS ANGELES SITE 01	66	[illegible]	[illegible]	.026	.012	.017
	67	[illegible]	[illegible]	.012	.013	[illegible]
OAKLAND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PASADENA SITE 01	66	[illegible]	[illegible]	.014	[illegible]	[illegible]
SAN DIEGO SITE 01	66	[illegible]	.012	[illegible]	.011	[illegible]
	67	[illegible]	[illegible]	.026	[illegible]	[illegible]
SAN FRANCISCO SITE 01	66	[illegible]	[illegible]	.011	.021	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLORADO DENVER SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONNECTICUT HARTFORD SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAVEN SITE 01	66	[illegible]	.081	.018	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DELAWARE NEWARK SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WILMINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Station location	Year	Concentration µg/m3 1st quar	2nd quar	3rd quar	4th quar	Yrly avg
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEORGIA ATLANTA SITE 01	66	[illegible]	[illegible]	.021	[illegible]	[illegible]
	67	[illegible]	.015	.017	[illegible]	[illegible]
HAWAII HONOLULU SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	.013	[illegible]
IDAHO BOISE SITE 01	66	[illegible]	[illegible]	.013	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ILLINOIS CHICAGO SITE 01	66	[illegible]	.011	[illegible]	.013	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST ST LOUIS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ROCKFORD SITE 01	67	[illegible]	[illegible]	.017	[illegible]	[illegible]
SPRINGFIELD SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANA EAST CHICAGO SITE 01	66	[illegible]	[illegible]	.013	.011	.014
	67	.011	[illegible]	[illegible]	[illegible]	[illegible]
HAMMOND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	.011	[illegible]	[illegible]
INDIANAPOLIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MUNCIE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ALBANY SITE 02	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH BEND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TERRE HAUTE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IOWA CEDAR RAPIDS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DAVENPORT SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DES MOINES SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DUBUQUE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KANSAS KANSAS CITY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOPEKA SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WICHITA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY ASHLAND SITE 01	66	[illegible]	[illegible]	.014	[illegible]	[illegible]
COVINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	.012
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 7-9 (continued). CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOUISVILLE						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOUISIANA						
NEW ORLEANS						
SITE [illegible]	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MARYLAND						
BALTIMORE						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MICHIGAN						
DETROIT						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLINT						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GRAND RAPIDS						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNESOTA						
DULUTH						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNEAPOLIS						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOORHEAD						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ST PAUL						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSISSIPPI						
JACKSON						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MISSOURI						
KANSAS CITY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ST LOUIS						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONTANA						
HELENA						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEBRASKA						
OMAHA						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEVADA						
LAS VEGAS						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RENO						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY						
BAYONNE						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BURLINGTON COUNTY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CAMDEN						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GLASSBORO						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY						
JERSEY CITY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEWARK						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PATERSON						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PERTH AMBOY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRENTON						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW YORK						
NEW YORK CITY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OHIO						
AKRON						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CINCINNATI						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CLEVELAND						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLUMBUS						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DAYTON						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOLEDO						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
YOUNGSTOWN						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TULSA						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OREGON						
EUGENE						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEDFORD						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PORTLAND						
SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALTOONA						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BETHLEHEM						
SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 7-9 (continued). CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	.011
PHILADELPHIA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	.013	[illegible]	[illegible]	.005
PITTSBURGH SITE 01	66	.013	[illegible]	[illegible]	[illegible]	.017
	67	.024	.042	.034	[illegible]	.028
READING SITE 01	66	.027	.022	.011	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WARMINSTER SITE 01	66	.021	[illegible]	[illegible]	[illegible]	.016
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST CHESTER SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
YORK SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PUERTO RICO BAYAMON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATANO SITE 01	66	[illegible]	[illegible]	.028	[illegible]	[illegible]
	67	.018	.013	[illegible]	[illegible]	[illegible]
GUAYANILLA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PONCE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RHODE ISLAND EAST PROVIDENCE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROVIDENCE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH CAROLINA COLUMBIA SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GREENVILLE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH DAKOTA SIOUX FALLS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TENNESSEE CHATTANOOGA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KNOXVILLE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEMPHIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NASHVILLE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	.017	[illegible]	[illegible]	[illegible]

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
TEXAS DALLAS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HOUSTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PASADENA SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SAN ANTONIO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UTAH OGDEN SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SALT LAKE CITY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VERMONT BURLINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VIRGINIA DANVILLE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAMPTON SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LYNCHBURG SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORFOLK SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PORTSMOUTH SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RICHMOND SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ROANOKE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WASHINGTON SEATTLE SITE 01	66	[illegible]	[illegible]	[illegible]	.013	[illegible]
	67	.013	[illegible]	[illegible]	[illegible]	[illegible]
WEST VIRGINIA CHARLESTON SITE 01	66	.018	.014	[illegible]	[illegible]	[illegible]
	67	.017	[illegible]	[illegible]	[illegible]	.014
WISCONSIN KENOSHA SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MADISON SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MILWAUKEE SITE 01	66	[illegible]	[illegible]	.016	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WYOMING CASPER SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CHEYENNE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 7-10. CHROMIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.000	.003	.000	.000	.001
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.002	.000	.002	.005	.002
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.008	.000	.004	.002	.003
	67	.000	.000	.000	.000	.000
COLORADO MESA VERDE NAT PK SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.007	.000	.004	.007	.004
	67	.004	.000	.000	.005	.002
IDAHO BUTTE COUNTY SITE 01	67	.000	.000	.000	.000	.000
INDIANA MONROE COUNTY SITE 01	66	.000	.000	.000	.004	.001
	67	.000	.000	.000	.003	.001
PARKE COUNTY SITE 01	66	.009	.004	.000	.005	.003
	67	.000	.000	.000	.000	.000
MAINE ACADIA NAT PK SITE 01	66	.005	.004	.010	.008	.007
	67	.013	.000	.000	.032	.011
MARYLAND CALVERT COUNTY SITE 01	66	.015	.005	.006	.004	.008
	67	.000	.000	.000	.005	.001
MISSISSIPPI JACKSON COUNTY SITE 01	66	.020	.021	.013	.006	.015
	67	.000	.001	.000	.000	.000
MISSOURI SHANNON COUNTY SITE 01	66	.000	.000	.050	.003	.013
	67	.000	.000	.000	.000	.000
MONTANA GLACIER NAT PK SITE 01	66	.000	.004	.007	.003	.003
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.005	.000	.000	.001
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.078	.007	.018	.012	.029
	67	.000	.000	.000	.003	.001
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.000	.003	.000	.007	.002
	67	.000	.000	.000	.000	.000
NEW YORK JEFFERSON COUNTY SITE 01	66	.002	.003	.010	.000	.004
	67	.002	.002	.000	.004	.002
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.000	.000	.000	.027	.007
	67	.002	.000	.000	.000	.000
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.000	.000	.006	.008	.003
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.003	.000	.000	.000	.001
	67	.000	.000	.000	.003	.001
PENNSYLVANIA CLARION COUNTY SITE 01	66	.000	.000	.006	.003	.002
	67	.009	.005	.007	.016	.009
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.004	.005	.000	.000	.002
	67	.000	.004	.005	.009	.004
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.011	.014	.007	.003	.009
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.003	.000	.000	.001
	67	.004	.000	.003	.003	.002
TEXAS MATAGORDA COUNTY SITE 01	66	.000	.005	.000	.000	.001
	67	.000	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.000	.006	.000	.000	.001
	67	.005	.003	.000	.000	.002
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.000	.005	.005	.000	.002
	67	.000	.000	.000	.003	.001
WISCONSIN DOOR COUNTY SITE 01	67	.013	.003	.002	.000	.004
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.004	.000	.001
	67	.009	.000	.000	.003	.003

Table 7-11. COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.000	.000	.000	.000	.000
GADSDEN SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE SITE 01	67	.000	.000	.000	.000	.000
MOBILE SITE 01	66	.000	.000	.000	.000	.000
MONTGOMERY SITE 01	67	.000	.000	.000	.000	.000
ALASKA ANCHORAGE SITE 02	66	.000	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS SITE 01	67	.000	.000	.000	.000	.000
ARIZONA MARICOPA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TUCSON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS LITTLE ROCK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA BURBANK SITE 02	66	.000	.000	.000	.000	.000
GLENDALE SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OAKLAND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO DENVER SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT HARTFORD SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE NEWARK SITE 01	66	.010	.000	.000	.008	.002
	67	.008	.000	.000	.000	.002
WILMINGTON SITE 01	66	.000	.000	.000	.000	.000
	67	.180	.000	.000	.000	.045

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA ATLANTA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII HONOLULU SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO BOISE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS CHICAGO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
EAST ST LOUIS SITE 01	67	.000	.000	.000	.000	.000
ROCKFORD SITE 01	67	.000	.000	.000	.000	.000
SPRINGFIELD SITE 01	67	.000	.000	.000	.000	.000
INDIANA EAST CHICAGO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAMMOND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
INDIANAPOLIS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MUNCIE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY SITE 02	67	.000	.000	.000	.000	.000
SOUTH BEND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TERRE HAUTE SITE 01	67	.000	.000	.000	.000	.000
IOWA CEDAR RAPIDS SITE 01	67	.000	.000	.000	.000	.000
DAVENPORT SITE 01	66	.000	.000	.000	.000	.000
DES MOINES SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KANSAS KANSAS CITY SITE 01	66	.000	.000	.000	.000	.000
TOPEKA SITE 01	67	.000	.000	.000	.000	.000
WICHITA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY ASHLAND SITE 01	66	.000	.000	.000	.010	.002
COVINGTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-11 (continued). COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
LOUISIANA NEW ORLEANS SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND BALTIMORE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MICHIGAN DETROIT SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
FLINT SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA DULUTH SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MOORHEAD SITE 01	66	.000	.000	.000	.000	.000
ST PAUL SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI JACKSON SITE 01	66	.000	.000	.000	.000	.000
MISSOURI KANSAS CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA HELENA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA OMAHA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA LAS VEGAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE CONCORD SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY BAYONNE SITE 01	67	.000	.000	.000	.000	.000
BURLINGTON COUNTY SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CAMDEN SITE 01	66	.000	.000	.000	.000	.000
GLASSBORO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY JERSEY CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEWARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PATERSON SITE 01	67	.000	.000	.000	.000	.000
PERTH AMBOY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TRENTON SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO ALBUQUERQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK NEW YORK CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.007	.000	.002
NORTH CAROLINA CHARLOTTE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO AKRON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CINCINNATI SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CLEVELAND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLUMBUS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DAYTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TOLEDO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
YOUNGSTOWN SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON EUGENE SITE 01	67	.000	.000	.000	.000	.000
MEDFORD SITE 01	67	.000	.000	.000	.000	.000
PORTLAND SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA ALLENTOWN SITE 01	67	.000	.000	.000	.000	.000
ALTOONA SITE 01	67	.000	.000	.000	.000	.000
BETHLEHEM SITE 01	67	.000	.000	.000	.000	.000

Table 7-11 (continued). COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHILADELPHIA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PITTSBURGH SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
READING SITE 01	66	.000	.000	.000	.012	.002
	67	.000	.000	.000	.000	.000
WARMINSTER SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST CHESTER SITE 01	67	.000	.000	.000	.000	.000
YORK SITE 01	67	.000	.000	.000	.000	.000
PUERTO RICO BAYAMON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA COLUMBIA SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE CHATTANOOGA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KNOXVILLE SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NASHVILLE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS DALLAS SITE 01	66	.000	.000	.000	.000	.000
HOUSTON SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH OGDEN SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT BURLINGTON SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA DANVILLE SITE 01	66	.000	.000	.000	.000	.000
HAMPTON SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG SITE 01	67	.000	.000	.000	.000	.000
NORFOLK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH SITE 01	67	.000	.000	.000	.000	.000
RICHMOND SITE 01	67	.000	.000	.000	.000	.000
ROANOKE SITE 01	67	.000	.000	.000	.003	.000
WASHINGTON SEATTLE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST VIRGINIA CHARLESTON SITE 01	66	.000	.000	.000	.007	.002
	67	.000	.013	.000	.000	.005
WISCONSIN KENOSHA SITE 01	67	.000	.000	.000	.000	.000
MADISON SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WYOMING CASPER SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-12. COBALT, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO MESA VERDE NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO BUTTE COUNTY SITE 01	67	.000	.000	.000	.000	.000
INDIANA PEARCE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PARKE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MAINE ACADIA NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND CALVERT COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI JACKSON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSOURI SHANNON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA GLACIER NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK JEFFERSON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS MATAGORDA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN DOOR COUNTY SITE 01	67	.000	.000	.000	.000	.000
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-13. COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.19	.10	.06	.09	.11
GADSDEN SITE 01	66	.04	.05	.06	.06	.05
HUNTSVILLE SITE 01	67	.05	.14	.15	.14	.12
MOBILE SITE 01	66	.06	.06	.16	.19	.11
MONTGOMERY SITE 01	67	.12	.02	.06	.03	.06
ALASKA ANCHORAGE SITE 02	66	.10	.04	.07	.10	.08
SITE 03	67	.11	.05	.08	.02	.06
FAIRBANKS SITE 01	67	.56	1.10	.55	.21	.60
ARIZONA MARICOPA COUNTY SITE 01	66	.10	.05	.07	.07	.07
	67	.06	.04	.10	.04	.06
PHOENIX SITE 02	66	.06	.08	.39	.55	.27
	67	.31	.37	.58	.26	.38
TUCSON SITE 01	66	.64	.28	.51	.61	.51
	67	.27	.31	.22	.43	.31
ARKANSAS LITTLE ROCK SITE 01	66	.07	.07	.03	.03	.05
	67	.06	.06	.12	.09	.07
WEST MEMPHIS SITE 01	66	.03	.04	.07	.02	.04
CALIFORNIA BURBANK SITE 02	66	.14	.12	.68	.07	.25
GLENDALE SITE 01	67	.18	.13	.16	.05	.13
LONG BEACH SITE 01	67	.06	.06	.10	.03	.06
LOS ANGELES SITE 01	66	.20	.09	.14	.08	.13
	67	.09	.05	.14	.09	.10
OAKLAND SITE 01	66	.16	.08	.10	.16	.12
	67	.19	.07	.06	.06	.09
PASADENA SITE 01	66	.23	.11	.27	.14	.19
SAN DIEGO SITE 01	66	.21	.16	.10	.15	.15
	67	.07	.13	.12	.15	.12
SAN FRANCISCO SITE 01	66	.11	.07	.11	.27	.14
	67	.10	.09	.07	.15	.12
COLORADO DENVER SITE 01	66	.08	.05	.06	.08	.07
CONNECTICUT HARTFORD SITE 01	66	.65	.18	.07	.16	.26
NEW HAVEN SITE 01	66	.15	.39	.17	.13	.21
	67	.19	.20	.16	.14	.17
DELAWARE NEWARK SITE 01	66	.36	.38	.57	.22	.38
	67	.45	.97	.62	.39	.58
WILMINGTON SITE 01	66	.11	.19	.10	.24	.16
	67	.35	.17	.61	.12	.31

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.16	.13	.18	.11	.14
	67	.09	.43	.53	.26	.33
GEORGIA ATLANTA SITE 01	66	.07	.05	.04	.02	.04
	67	.07	.09	.10	.07	.08
HAWAII HONOLULU SITE 01	66	.16	.06	.08	.09	.10
	67	.12	.09	.05	.08	.09
IDAHO BOISE SITE 01	66	.16	.10	.15	.08	.12
	67	.09	.13	.27	.09	.17
ILLINOIS CHICAGO SITE 01	66	.07	.05	.10	.09	.08
	67	.09	.06	.12	.09	.09
EAST ST LOUIS SITE 01	67	.08	.16	.15	.23	.15
ROCKFORD SITE 01	67	.04	.06	.42	.06	.14
SPRINGFIELD SITE 01	67	.09	.06	.06	.07	.07
INDIANA EAST CHICAGO SITE 01	66	.18	.16	.14	.14	.15
	67	.10	.16	.20	.26	.18
HAMMOND SITE 01	66	.07	.06	.11	.06	.07
	67	.08	.17	.41	.07	.18
INDIANAPOLIS SITE 01	66	.25	.20	2.11	.63	.79
	67	.36	.55	.27	.25	.35
MUNCIE SITE 01	66	.04	.12	.10	.06	.08
	67	.26	.15	.12	.13	.16
NEW ALBANY SITE 02	67	.04	.03	.04	.06	.04
SOUTH BEND SITE 01	66	.06	.06	.05	.13	.07
	67	.26	.09	.09	.05	.12
TERRE HAUTE SITE 01	67	.04	.05	.07	.02	.04
IOWA CEDAR RAPIDS SITE 01	67	.04	.15	.18	.07	.11
DAVENPORT SITE 01	66	.08	.13	.10	.07	.09
DES MOINES SITE 01	66	.08	.07	.06	.04	.06
	67	.06	.17	.18	.10	.13
DUBUQUE SITE 01	66	.10	.15	.17	.08	.12
	67	.17	.20	.38	.09	.21
KANSAS KANSAS CITY SITE 01	66	.03	.05	.02	.06	.03
TOPEKA SITE 01	67	.10	.15	.50	.09	.21
WICHITA SITE 01	66	.08	.10	.18	.16	.13
	67	.40	.11	.32	.27	.27
KENTUCKY ASHLAND SITE 01	66	.06	.14	.14	.10	.11
COVINGTON SITE 01	66	.13	.05	.08	.07	.08
	67	.07	.08	.13	.05	.08

Table 7-13 (continued). COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.08	.14	.15	.07	.11
LOUISVILLE SITE 01	66	.12	.22	.10	.77	.32
	67	.52	.20	.25	.09	.26
LOUISIANA NEW ORLEANS SITE 02	66	.02	.02	.02	.02	.02
	67	.03	.04	.08	.02	.05
MARYLAND BALTIMORE SITE 01	66	.20	.12	.21	.53	.26
	67	.21	.23	.47	.27	.29
MICHIGAN DETROIT SITE 01	66	.04	.07	.08	.07	.06
	67	.14	.09	.51	.08	.20
FLINT SITE 01	67	.07	.13	.09	.13	.09
GRAND RAPIDS SITE 01	67	.30	.61	.24	.17	.33
MINNESOTA DULUTH SITE 01	66	.03	.05	.03	.06	.04
MINNEAPOLIS SITE 01	66	.09	.16	.09	.13	.12
	67	.15	.14	.23	.04	.14
MOORHEAD SITE 01	66	.00	.00	.02	.02	.01
ST PAUL SITE 01	66	.05	.04	.06	.05	.05
	67	.14	.07	.06	.06	.08
MISSISSIPPI JACKSON SITE 01	66	.09	.03	.07	.04	.06
MISSOURI KANSAS CITY SITE 01	66	.04	.03	.03	.03	.03
	67	.06	.07	.05	.02	.05
ST LOUIS SITE 01	66	.27	.11	.33	.13	.21
	67	.26	.29	.15	.23	.23
MONTANA HELENA SITE 01	66	.04	.02	.02	.04	.03
	67	.18	.09	.17	.08	.13
NEBRASKA OMAHA SITE 01	66	.04	.06	.06	.07	.06
	67	.11	.16	.16	.06	.12
NEVADA LAS VEGAS SITE 01	66	.15	.08	.17	.07	.10
	67	.11	.11	.07	.02	.08
RENO SITE 01	67	.11	.06	.06	.02	.06
NEW HAMPSHIRE CONCORD SITE 01	66	.06	.06	.15	.12	.10
	67	.18	.19	.13	.10	.15
NEW JERSEY BAYONNE SITE 01	67	.77	.22	.37	.70	.51
BURLINGTON COUNTY SITE 02	66	.10	.05	.15	.06	.08
	67	.11	.16	.10	.11	.12
CAMDEN SITE 01	66	.10	.04	.11	.11	.09
GLASSBORO SITE 01	66	.10	.09	.41	.14	.18
	67	.45	.53	.36	.08	.35
NEW JERSEY JERSEY CITY SITE 01	66	.10	.06	.16	.15	.12
	67	.14	.47	.10	.04	.18
NEWARK SITE 01	66	.13	.08	.15	.12	.12
	67	.20	.28	.20	.06	.19
PATERSON SITE 01	67	.31	.33	.08	.03	.19
PERTH AMBOY SITE 01	66	.23	.31	1.20	.61	.59
	67	1.10	.85	.65	.07	.67
TRENTON SITE 01	66	.17	.10	.18	.19	.16
NEW MEXICO ALBUQUERQUE SITE 01	66	.15	.15	.07	.07	.11
	67	.37	.35	.25	.06	.26
NEW YORK NEW YORK CITY SITE 01	66	.06	.10	.14	.12	.10
	67	.23	.67	.45	.15	.37
NORTH CAROLINA CHARLOTTE SITE 01	66	.03	.03	.08	.10	.06
	67	.08	.16	.10	.02	.08
OHIO AKRON SITE 01	66	.03	.03	.06	.05	.04
	67	.17	.10	.09	.03	.10
CINCINNATI SITE 01	66	.10	.27	.15	.13	.16
	67	.13	.11	.33	.14	.18
CLEVELAND SITE 01	66	.09	.16	.20	.43	.22
	67	1.20	.91	.40	.06	.64
COLUMBUS SITE 01	66	.03	.05	.05	.04	.04
	67	.24	.16	.10	.03	.13
DAYTON SITE 01	66	.05	.06	.04	.05	.05
	67	.35	.18	.15	.06	.18
TOLEDO SITE 01	66	.07	.11	.06	.04	.06
	67	.08	.11	.15	.02	.09
YOUNGSTOWN SITE 01	66	.05	.09	.16	.06	.08
	67	.10	.12	.12	.08	.11
OKLAHOMA OKLAHOMA CITY SITE 01	66	.07	.04	.08	.06	.06
	67	.18	.12	.07	.03	.08
TULSA SITE 01	66	.03	.13	.05	.00	.05
	67	.28	.12	.06	.00	.11
OREGON EUGENE SITE 01	67	.06	.08	.05	.00	.04
MEDFORD SITE 01	67	.08	.06	.06	.02	.05
PORTLAND SITE 01	66	.06	.05	.07	.07	.06
	67	.07	.15	.10	.06	.09
PENNSYLVANIA ALLENTOWN SITE 01	67	.51	.40	.55	.08	.38
ALTOONA SITE 01	67	.71	.84	.60	.11	.56
BETHLEHEM SITE 01	67	.13	.19	.13	.05	.12

Table 7-13 (continued). COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER SITE 01	66	.10	.04	.26	.25	.16
	67	.47	.56	.69	.07	.45
PHILADELPHIA SITE 01	66	.16	.12	.20	.23	.18
	67	.26	.30	.24	.23	.26
PITTSBURGH SITE 01	66	.08	.05	.05	.05	.07
	67	.11	.11	.14	.09	.11
READING SITE 01	66	.24	.20	.10	.38	.23
	67	.18	.10	.07	.07	.10
WARMINSTER SITE 01	66	.21	.15	.08	.05	.12
	67	.33	.14	.07	.05	.16
WEST CHESTER SITE 01	67	.47	.44	.20	.14	.31
YORK SITE 01	67	.06	.04	.04	.03	.04
PUERTO RICO						
BAYAMON SITE 01	66	.02	.00	.02	.00	.01
	67	.05	.04	.02	.00	.03
CATANO SITE 01	66	.04	.05	.07	.02	.04
	67	.06	.05	.03	.07	.05
GUAYANILLA SITE 01	66	.05	.02	.03	.02	.03
	67	.07	.03	.03	.00	.03
PONCE SITE 01	66	.03	.02	.02	.02	.02
	67	.03	.02	.02	.00	.02
RHODE ISLAND						
EAST PROVIDENCE SITE 01	67	.07	.08	.09	.05	.07
PROVIDENCE SITE 01	66	.07	.11	.08	.10	.09
	67	.14	.14	.10	.07	.12
SOUTH CAROLINA						
COLUMBIA SITE 01	67	.17	.61	.37	.35	.37
GREENVILLE SITE 01	66	.06	.02	.04	.03	.04
SOUTH DAKOTA						
SIOUX FALLS SITE 01	66	.06	.09	.10	.15	.10
TENNESSEE						
CHATTANOOGA SITE 01	66	.11	.06	.06	.13	.14
	67	.21	.12	.37	.09	.20
KNOXVILLE SITE 01	67	.14	.08	.06	.02	.07
MEMPHIS SITE 01	66	.08	.06	.06	.12	.08
	67	.07	.17	.06	.04	.08
NASHVILLE SITE 01	66	.15	.13	.16	.13	.14
	67	.11	.19	.10	.08	.12
TEXAS						
DALLAS SITE 01	66	.08	.05	.03	.08	.06
HOUSTON SITE 01	66	.17	.16	.15	.08	.14
	67	.16	.07	.11	.05	.10
PASADENA SITE 01	67	.03	.04	.03	.00	.02
SAN ANTONIO SITE 01	66	.02	.06	.02	.03	.03
	67	.03	.06	.03	.02	.03
UTAH						
OGDEN SITE 01	66	.08	.06	.08	.34	.13
SALT LAKE CITY SITE 01	66	.10	.11	.07	.10	.10
	67	.08	.08	.08	.10	.08
VERMONT						
BURLINGTON SITE 01	66	.06	.07	.07	.03	.06
VIRGINIA						
DANVILLE SITE 01	66	.14	.12	.41	.18	.21
HAMPTON SITE 01	67	.18	.21	.16	.13	.17
LYNCHBURG SITE 01	67	.50	.23	.32	.21	.31
NORFOLK SITE 01	66	.05	.10	.03	.04	.05
	67	.08	.06	.05	.13	.08
PORTSMOUTH SITE 01	67	.07	.15	.11	.02	.09
RICHMOND SITE 01	67	.14	.14	.12	.05	.11
ROANOKE SITE 01	67	.16	.23	.15	.08	.15
WASHINGTON						
SEATTLE SITE 01	66	.08	.06	.06	.06	.06
	67	.10	.06	.03	.03	.05
WEST VIRGINIA						
CHARLESTON SITE 01	66	.11	.07	.06	.06	.07
	67	.13	.17	.15	.04	.12
WISCONSIN						
KENOSHA SITE 01	67	.07	.10	.05	.07	.07
MADISON SITE 01	67	.07	.04	.07	.03	.05
MILWAUKEE SITE 01	66	.06	.10	.38	.18	.18
	67	.12	.22	.18	.15	.17
WYOMING						
CASPER SITE 01	67	.06	.12	.07	.07	.07
CHEYENNE SITE 01	66	.03	.06	.05	.03	.04
	67	.11	.14	.08	.03	.09

Table 7-14. COPPER, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.042	.077	.068	.092	.067
	67	.047	.047	.034	.064	.048
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.038	.159	.048	.045	.072
	67	.014	.020	.021	.032	.022
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.057	.054	.033	.057	.050
	67	.042	.180	.120	.140	.120
COLORADO MESA VERDE NAT PK SITE 01	66	.031	.017	.015	.020	.022
	67	.030	.009	.008	.050	.017
DELAWARE KENT COUNTY SITE 01	66	.057	.040	.052	.053	.050
	67	.023	.015	.013	.021	.019
IDAHO BUTTE COUNTY SITE 01	67	.032	.018	.023	.047	.030
INDIANA MONROE COUNTY SITE 01	66	.073	.141	.057	.057	.082
	67	.012	.011	.016	.015	.013
PARKE COUNTY SITE 01	66	.051	.040	.027	.064	.045
	67	.018	.027	.046	.052	.036
MAINE ACADIA NAT PK SITE 01	66	.035	.026	.129	.056	.061
	67	.420	.280	.150	.029	.220
MARYLAND CALVERT COUNTY SITE 01	66	.076	.088	.033	.035	.058
	67	.350	.210	.046	.037	.161
MISSISSIPPI JACKSON COUNTY SITE 01	66	.033	.028	.053	.183	.074
	67	.220	.170	.510	.062	.240
MISSOURI SHANNON COUNTY SITE 01	66	.019	.022	.015	.013	.017
	67	.047	.067	.120	.020	.063
MONTANA GLACIER NAT PK SITE 01	66	.176	.065	.162	.057	.115
	67	.190	.270	.230	.054	.168
NEBRASKA THOMAS COUNTY SITE 01	66	.016	.018	.024	.016	.018
	67	.012	.044	.016	.027	.025
NEVADA WHITE PINE COUNTY SITE 01	66	.021	.016	.037	.032	.025
	67	.057	.034	.023	.055	.043
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.061	.058	.055	.145	.062
	67	.051	.055	.062	.089	.064
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.054	.316	.242	.112	.181
	67	.140	.200	.302	.098	.185
NEW YORK JEFFERSON COUNTY SITE 01	66	.177	.104	.161	.104	.136
	67	.065	.120	.730	.150	.266
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.018	.039	.022	.025	.026
	67	.015	.019	.026	.055	.029
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.041	.081	.056	.062	.060
	67	.073	.044	.033	.110	.065
OREGON CURRY COUNTY SITE 01	66	.400	.050	.040	.050	.135
	67	.040	.041	.035	.028	.036
PENNSYLVANIA CLARION COUNTY SITE 01	66	.132	.182	.100	.125	.135
	67	.120	.240	.630	.470	.365
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.061	.061	.126	.088	.084
	67	.130	.380	.330	.450	.322
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.038	.026	.027	.027	.030
	67	.052	.025	.040	.025	.035
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.008	.015	.016	.010	.012
	67	.017	.016	.030	.080	.036
TEXAS MATAGORDA COUNTY SITE 01	66	.038	.116	.158	.032	.086
	67	.049	.082	.200	.150	.120
VERMONT ORANGE COUNTY SITE 01	66	.014	.018	.026	.014	.018
	67	.015	.023	.019	.019	.019
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.163	.283	.208	.079	.183
	67	.057	.290	.200	.280	.207
WISCONSIN DOOR COUNTY SITE 01	67	.048	.028	.039	.013	.032
WYOMING YELLOWSTONE PARK SITE 01	66	.015	.011	.037	.024	.022
	67	.023	.046	.000	.028	.024

Table 7-15. IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	3.8	4.9	5.8	4.7	4.8
GADSDEN SITE 01	66	1.0	1.3	1.8	1.0	1.3
HUNTSVILLE SITE 01	67	.4	.5	.7	.5	.5
MOBILE SITE 01	66	1.7	2.6	2.8	2.5	2.4
MONTGOMERY SITE 01	67	.6	.7	1.2	.7	.8
ALASKA ANCHORAGE SITE 02	66	.2	5.2	4.3	3.4	3.3
SITE 03	67	.3	3.4	1.9	.9	1.6
FAIRBANKS SITE 01	67	.3	2.3	6.7	3.4	3.2
ARIZONA MARICOPA COUNTY SITE 01	66	.4	.5	3.2	.6	1.2
	67	1.1	.5	1.9	.6	1.0
PHOENIX SITE 02	66	3.6	3.2	2.7	.4	2.5
	67	3.2	2.6	3.5	3.1	3.1
TUCSON SITE 01	66	1.0	1.2	.5	2.0	1.2
	67	1.0	1.2	.3	.8	.8
ARKANSAS LITTLE ROCK SITE 01	66	1.4	2.0	.5	.5	1.3
	67	.5	.9	1.4	.8	.9
WEST MEMPHIS SITE 01	66	1.2	1.6	1.6	.3	1.2
CALIFORNIA BURBANK SITE 02	66	1.8	1.6	3.9	1.4	2.2
GLENDALE SITE 01	67	1.2	.5	.7	.0	.6
LONG BEACH SITE 01	67	1.3	.9	1.4	.5	1.0
LOS ANGELES SITE 01	66	2.6	1.1	2.4	1.1	1.8
	67	1.6	.9	1.8	1.1	1.4
OAKLAND SITE 01	66	.9	1.2	1.1	1.3	1.1
	67	1.4	1.9	1.6	1.1	1.5
PASADENA SITE 01	66	1.2	1.0	3.1	1.1	1.6
SAN DIEGO SITE 01	66	.7	.4	.3	.9	.6
	67	.7	.5	.8	.3	.6
SAN FRANCISCO SITE 01	66	.7	.6	.7	1.1	.7
	67	.8	.3	.5	1.1	.7
COLORADO DENVER SITE 01	66	1.9	.9	1.4	1.8	1.5
CONNECTICUT HARTFORD SITE 01	66	1.8	.6	.4	1.9	1.2
NEW HAVEN SITE 01	66	.5	1.9	.7	.7	.9
	67	1.9	1.9	.7	.7	1.3
DELAWARE NEWARK SITE 01	66	1.0	2.1	3.6	1.1	1.9
	67	2.5	1.7	1.8	1.3	1.8
WILMINGTON SITE 01	66	.7	.7	.5	1.4	.8
	67	1.9	.8	2.0	1.3	1.5
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.5	.3	.6	.5	.5
	67	1.3	.8	1.9	.8	1.2
GEORGIA ATLANTA SITE 01	66	1.7	1.4	1.3	.4	1.2
	67	1.4	3.5	3.1	.9	2.2
HAWAII HONOLULU SITE 01	66	.4	.3	.3	.3	.3
	67	.3	.8	.5	.3	.5
IDAHO BOISE SITE 01	66	.7	.8	2.3	.5	1.1
	67	.6	.4	1.0	.2	.8
ILLINOIS CHICAGO SITE 01	66	2.0	1.0	3.7	2.0	2.4
	67	1.6	1.0	4.1	3.1	2.7
EAST ST LOUIS SITE 01	67	1.3	2.5	4.0	1.7	2.6
ROCKFORD SITE 01	67	1.1	.5	3.7	.5	1.4
SPRINGFIELD SITE 01	67	.8	.8	2.4	.3	1.1
INDIANA EAST CHICAGO SITE 01	66	2.6	4.7	3.7	5.2	4.0
	67	3.0	5.0	5.4	2.5	4.3
HAMMOND SITE 01	66	.7	4.8	3.4	.8	2.4
	67	2.1	6.4	4.6	1.8	3.7
INDIANAPOLIS SITE 01	66	.9	1.4	4.0	2.2	2.1
	67	1.7	2.2	2.5	1.2	1.9
MUNCIE SITE 01	66	.3	1.6	1.1	.6	.9
	67	.4	1.0	1.2	.5	.8
NEW ALBANY SITE 02	67	1.1	.9	1.0	1.1	1.0
SOUTH BEND SITE 01	66	1.9	1.1	1.6	1.2	1.4
	67	.6	1.9	2.4	.8	1.4
TERRE HAUTE SITE 01	67	1.5	1.6	3.1	.2	1.6
IOWA CEDAR RAPIDS SITE 01	67	1.2	2.5	1.5	.4	1.5
DAVENPORT SITE 01	66	.5	.6	1.8	.4	.8
DES MOINES SITE 01	66	1.6	1.1	2.5	.8	1.5
	67	1.9	3.0	3.8	.8	2.4
DUBUQUE SITE 01	66	1.0	1.1	2.9	1.8	1.7
	67	1.0	2.3	3.0	.5	1.7
KANSAS KANSAS CITY SITE 01	66	.7	.8	.8	.8	.8
TOPEKA SITE 01	67	1.4	1.1	1.5	.3	1.0
WICHITA SITE 01	66	1.3	1.1	1.4	1.5	1.2
	67	2.0	1.1	1.3	.3	1.2
KENTUCKY ASHLAND SITE 01	66	1.8	3.2	4.3	3.6	3.1
COVINGTON SITE 01	66	3.4	1.8	3.3	3.0	2.8
	67	.5	1.5	2.7	1.6	1.5

Table 7-15 (continued). IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.9	1.2	1.0	.8	1.1
LOUISVILLE						
SITE 01	66	1.2	2.7	1.8	3.3	2.2
	67	3.6	2.5	2.8	.6	2.4
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.7	.3	.5	.5	.5
	67	.6	.5	1.1	.6	.7
MARYLAND						
BALTIMORE						
SITE 01	66	2.3	1.1	2.5	3.4	2.3
	67	2.2	2.3	1.5	.9	1.7
MICHIGAN						
DETROIT						
SITE 01	66	1.3	2.7	3.2	3.8	2.7
	67	3.5	3.3	3.7	2.7	3.2
FLINT						
SITE 01	67	.8	1.6	1.2	.3	1.0
GRAND RAPIDS						
SITE 01	67	1.3	1.4	1.8	.4	1.1
MINNESOTA						
DULUTH						
SITE 01	66	.2	1.4	.8	1.0	.8
MINNEAPOLIS						
SITE 01	66	.7	1.8	.7	.7	1.0
	67	1.4	.7	1.5	.4	1.0
MOORHEAD						
SITE 01	66	.0	.2	.3	.0	.1
ST PAUL						
SITE 01	66	.7	.6	1.1	.6	.7
	67	1.4	1.0	1.4	.7	1.3
MISSISSIPPI						
JACKSON						
SITE 01	66	.3	.4	.5	.4	.4
MISSOURI						
KANSAS CITY						
SITE 01	66	.6	.8	.5	.9	.7
	67	2.5	3.7	1.8	.4	2.1
ST LOUIS						
SITE 01	66	2.3	1.3	4.7	1.0	2.3
	67	2.0	3.1	1.3	.5	1.0
MONTANA						
HELENA						
SITE 01	66	.2	.3	.2	.3	.2
	67	1.1	.5	2.3	.3	1.0
NEBRASKA						
OMAHA						
SITE 01	66	.6	.9	.8	.7	.6
	67	1.3	2.0	2.1	.6	1.5
NEVADA						
LAS VEGAS						
SITE 01	66	.4	.4	.6	.5	.5
	67	1.0	1.3	.5	.3	.8
RENO						
SITE 01	67	4.5	2.0	3.9	1.1	2.9
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.0	.2	.7	.4	.3
	67	1.1	.5	.9	.3	.7
NEW JERSEY						
BAYONNE						
SITE 01	67	3.5	.8	3.0	5.4	3.2
BURLINGTON COUNTY						
SITE 02	66	1.1	.8	1.7	.3	1.0
	67	3.0	2.0	3.0	.4	2.3
CAMDEN						
SITE 01	66	1.1	.9	3.0	.9	1.5
GLASSBORO						
SITE 01	66	.6	.6	.8	.5	.5
	67	.8	1.0	.0	.0	.7
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.5	.6	1.0	.8	.9
	67	1.7	3.7	1.7	.3	1.8
NEWARK						
SITE 01	66	1.0	.9	2.1	.6	1.1
	67	2.5	3.2	2.8	.3	1.9
PATERSON						
SITE 01	67	2.3	3.1	.9	.3	1.6
PERTH AMBOY						
SITE 01	66	.6	.9	2.6	.7	1.1
	67	2.6	1.8	3.3	.2	2.0
TRENTON						
SITE 01	66	.4	.4	.6	2.7	1.0
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.6	.9	.3	1.1	.7
	67	3.3	1.0	1.2	.3	1.7
NEW YORK						
NEW YORK CITY						
SITE 01	66	.8	.7	1.3	.8	.9
	67	3.1	4.4	5.5	.5	3.4
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.9	1.0	1.4	3.3	1.6
	67	1.1	.7	2.4	.3	1.1
OHIO						
AKRON						
SITE 01	66	1.9	2.8	6.1	3.7	3.1
	67	3.7	3.7	4.3	.8	3.0
CINCINNATI						
SITE 01	66	1.2	4.2	3.4	3.3	3.0
	67	3.3	1.5	3.0	3.2	3.0
CLEVELAND						
SITE 01	66	2.0	1.8	3.7	1.1	1.8
	67	3.0	.4	1.8	.9	1.7
COLUMBUS						
SITE 01	66	1.0	1.1	1.8	.9	1.2
	67	2.0	1.5	1.9	.2	1.4
DAYTON						
SITE 01	66	1.6	3.0	1.2	1.8	1.8
	67	3.4	3.5	3.8	2.0	3.4
TOLEDO						
SITE 01	66	.6	1.3	.9	.8	.9
	67	1.3	1.8	3.6	.2	1.6
YOUNGSTOWN						
SITE 01	66	.9	5.2	10.0	4.4	5.1
	67	5.8	7.4	8.9	3.1	6.2
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.9	.6	.5	.0	.6
	67	1.3	1.4	.3	.0	.7
TULSA						
SITE 01	66	.3	.3	.8	.3	.3
	67	.7	.4	.4	.3	.4
OREGON						
EUGENE						
SITE 01	67	.3	1.1	3.6	.0	1.2
MEDFORD						
SITE 01	67	.6	.6	1.7	.2	.7
PORTLAND						
SITE 01	66	.5	.6	1.2	.5	.7
	67	.9	2.3	3.1	.4	1.7
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.8	3.8	2.3	.2	1.9
ALTOONA						
SITE 01	67	1.3	3.6	4.7	.6	2.6
BETHLEHEM						
SITE 01	67	2.8	4.4	3.8	1.3	2.8

Table 7-15 (continued). IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	1.3	.4	2.3	1.3	1.3
	67	3.7	.9	.7	.4	1.4
PHILADELPHIA SITE 01	66	1.5	1.2	1.6	1.0	1.3
	67	3.1	3.5	1.2	.7	2.1
PITTSBURGH SITE 01	66	1.9	1.0	3.5	1.7	2.2
	67	3.7	6.2	3.7	2.4	4.1
READING SITE 01	66	1.7	1.6	1.1	3.8	2.0
	67	2.3	.8	.5	.7	1.2
WARMINSTER SITE 01	66	1.5	1.8	1.8	.3	1.4
	67	2.0	1.5	.6	.5	1.2
WEST CHESTER SITE 01	67	1.8	2.5	.3	.3	1.2
YORK SITE 01	67	2.0	1.5	.9	.8	1.4
PUERTO RICO BAYAMON SITE 01	66	.7	.4	.3	.2	.5
	67	2.2	.8	.6	.0	1.1
CATANO SITE 01	66	1.7	.7	1.2	.3	1.0
	67	1.6	.7	.6	.2	.8
GUAYANILLA SITE 01	66	.0	.0	.4	.1	.1
	67	.2	.4	.3	.0	.2
PONCE SITE 01	66	1.0	.9	1.1	1.8	1.4
	67	2.7	1.2	1.7	.7	1.6
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.7	.7	.4	.0	.4
PROVIDENCE SITE 01	66	1.3	1.5	.6	.8	1.0
	67	.7	1.0	.4	.3	.6
SOUTH CAROLINA COLUMBIA SITE 01	67	1.3	1.0	.4	.5	.8
GREENVILLE SITE 01	66	2.2	.4	.5	.8	1.0
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.7	.8	.7	1.0	.8
TENNESSEE CHATTANOOGA SITE 01	66	1.2	.9	1.5	2.4	1.5
	67	2.9	.9	1.5	1.4	1.6
KNOXVILLE SITE 01	67	1.1	.9	.6	.2	.7
MEMPHIS SITE 01	66	.6	.5	.3	.4	.5
	67	.3	.7	.3	.5	.4
NASHVILLE SITE 01	66	.5	.6	.8	1.2	.8
	67	1.7	3.1	.6	.4	1.4
TEXAS DALLAS SITE 01	66	2.4	1.4	.7	.7	1.3
HOUSTON SITE 01	66	1.0	.7	1.1	.5	.9
	67	1.5	.4	1.2	.4	1.0
PASADENA SITE 01	67	.7	.6	.4	.0	.6
SAN ANTONIO SITE 01	66	.3	.7	.7	.4	.5
	67	.8	1.0	.4	.3	.5
UTAH OGDEN SITE 01	66	1.3	.3	.8	.6	.7
SALT LAKE CITY SITE 01	66	.3	.4	1.0	.7	.6
	67	1.8	1.5	.4	.3	1.0
VERMONT BURLINGTON SITE 01	66	.4	1.2	1.0	.3	.8
VIRGINIA DANVILLE SITE 01	66	2.2	.2	1.4	.4	1.0
HAMPTON SITE 01	67	1.1	.0	.8	.0	.7
LYNCHBURG SITE 01	67	.8	.8	.8	.5	.7
NORFOLK SITE 01	66	.2	.5	.3	.2	.4
	67	.5	1.2	.5	.4	.7
PORTSMOUTH SITE 01	67	.5	1.8	1.0	.5	.9
RICHMOND SITE 01	67	.7	.8	.5	.2	.5
ROANOKE SITE 01	67	2.1	1.0	1.5	.5	1.4
WASHINGTON SEATTLE SITE 01	66	.8	.5	.4	.9	.7
	67	.5	.5	.5	.7	.6
WEST VIRGINIA CHARLESTON SITE 01	66	1.4	1.1	1.0	.8	1.1
	67	1.8	1.8	1.7	.3	1.4
WISCONSIN KENOSHA SITE 01	67	1.1	.7	1.0	.7	.9
MADISON SITE 01	67	.5	.4	.4	.3	.4
MILWAUKEE SITE 01	66	.9	.7	6.3	1.7	1.9
	67	.9	4.5	1.7	1.7	2.3
WYOMING CASPER SITE 01	67	.4	.0	.3	.2	.4
CHEYENNE SITE 01	66	.2	.2	.2	.0	.1
	67	.3	.3	.2	.0	.2

Table 7-16. IRON, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.14	.99	.17	.47	.49
	67	.00	.11	.08	.05	.07
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.67	.30	.32	.45	.43
	67	.30	.17	.30	.17	.08
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.53	.30	.42	.30	.28
	67	.00	.07	.18	.10	.10
COLORADO MESA VERDE NAT PK SITE 01	66	.15	.30	.22	.23	.22
	67	.30	.14	.00	.07	.05
DELAWARE KENT COUNTY SITE 01	66	1.21	.77	.73	1.10	.89
	67	.47	.27	.12	.56	.35
IDAHO BUTTE COUNTY SITE 01	67	.00	.39	.24	.00	.07
INDIANA MONROE COUNTY SITE 01	66	.46	.33	.27	.73	.45
	67	.15	.27	.30	.25	.24
PARKE COUNTY SITE 01	66	.60	.40	.28	.97	.58
	67	.20	.29	.28	.23	.25
MAINE ACADIA NAT PK SITE 01	66	.16	.15	.23	.13	.14
	67	.19	.08	.14	.29	.15
MARYLAND CALVERT COUNTY SITE 01	66	.55	.42	.44	.24	.48
	67	2.00	.14	.12	.59	.67
MISSISSIPPI JACKSON COUNTY SITE 01	66	1.63	.61	.55	.23	.76
	67	.15	.31	.20	.11	.11
MISSOURI SHANNON COUNTY SITE 01	66	.20	.25	.43	.21	.27
	67	.37	.30	.14	.14	.18
MONTANA GLACIER NAT PK SITE 01	66	.00	.27	.40	.00	.19
	67	.30	.37	.24	.33	.36
NEBRASKA THOMAS COUNTY SITE 01	66	.00	.22	.43	.17	.23
	67	.30	.23	.02	.11	.18
NEVADA WHITE PINE COUNTY SITE 01	66	.19	.33	.21	.20	.23
	67	.13	.30	.30	.00	.18
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.33	.64	.77	.57	.66
	67	.36	.73	.12	.18	.28
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.64	.89	.49	.51	.63
	67	.41	.13	.00	.11	.16
NEW YORK JEFFERSON COUNTY SITE 01	66	.48	.40	1.12	.40	.60
	67	.28	.43	.25	.52	.37
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.46	.24	.23	.66	.40
	67	.07	.16	.15	.10	.12
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.66	.32	.91	.85	.66
	67	.10	.22	.18	.13	.16
OREGON CURRY COUNTY SITE 01	66	.90	.20	.40	.20	.32
	67	.08	.08	.12	.08	.09
PENNSYLVANIA CLARION COUNTY SITE 01	66	.66	.40	.49	.08	.66
	67	1.30	1.70	1.60	1.20	1.45
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.51	.81	.52	.23	.52
	67	.10	.26	.65	.16	.29
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.38	.28	.08	.23	.24
	67	.38	.87	.11	.26	.40
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.00	.00	.00	.30	.30
	67	.08	.00	.14	.52	.18
TEXAS MATAGORDA COUNTY SITE 01	66	.19	.22	.21	.30	.15
	67	.00	.05	.00	.00	.01
VERMONT ORANGE COUNTY SITE 01	66	.33	1.16	1.06	.28	.70
	67	.31	1.33	.45	.28	.51
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.74	.62	.78	.47	.55
	67	.19	.16	.30	.38	.18
WISCONSIN DOOR COUNTY SITE 01	67	.27	.61	.34	.00	.30
WYOMING YELLOWSTONE PARK SITE 01	66	.33	.16	.39	.00	.11
	67	.11	.00	.13	.00	.06

Table 7-17. LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	1.3	1.0	2.2	2.6	1.8
GADSDEN						
SITE 01	66	.8	.6	.7	.9	.7
HUNTSVILLE						
SITE 01	67	.6	.6	.8	1.3	.8
MOBILE						
SITE 01	66	.8	.8	1.3	3.6	1.6
MONTGOMERY						
SITE 01	67	.7	.5	.4	.7	.6
ALASKA						
ANCHORAGE						
SITE 02	66	1.0	.4	.6	.8	.7
SITE 03	67	1.2	.6	.4	.8	.7
FAIRBANKS						
SITE 01	67	2.9	1.5	1.6	2.4	2.1
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.1	.2	.2	.2	.2
	67	.5	.1	.2	.3	.3
PHOENIX						
SITE 02	66	2.5	1.1	1.0	8.1	3.2
	67	3.9	1.3	1.3	1.3	1.9
TUCSON						
SITE 01	66	.8	.6	.7	1.3	.9
	67	.7	.7	.5	1.0	.7
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.3	1.2	1.0	1.2	.9
	67	.9	1.1	2.4	1.3	1.4
WEST MEMPHIS						
SITE 01	66	.6	.8	.8	.4	.6
CALIFORNIA						
BURBANK						
SITE 02	66	3.2	2.1	3.4	6.0	3.7
GLENDALE						
SITE 01	67	4.2	2.9	3.2	.8	2.8
LONG BEACH						
SITE 01	67	4.6	1.5	3.0	1.4	2.6
LOS ANGELES						
SITE 01	66	11.0	2.0	3.6	3.6	5.0
	67	3.6	1.7	1.7	5.4	3.1
OAKLAND						
SITE 01	66	2.9	1.1	1.2	5.9	2.8
	67	2.9	1.7	1.5	2.2	2.1
PASADENA						
SITE 01	66	4.3	2.1	4.0	4.1	3.6
SAN DIEGO						
SITE 01	66	1.9	.5	.7	1.1	1.0
	67	2.1	1.5	1.1	2.6	1.8
SAN FRANCISCO						
SITE 01	66	[illegible]	.9	2.3	3.0	2.0
	67	2.3	1.2	.7	3.7	2.0
COLORADO						
DENVER						
SITE 01	66	1.6	.7	1.1	1.0	1.1
CONNECTICUT						
HARTFORD						
SITE 01	66	1.8	.9	1.1	2.2	1.4
NEW HAVEN						
SITE 01	66	1.1	1.1	.9	1.6	1.2
	67	1.3	1.1	.8	1.3	1.1
DELAWARE						
NEWARK						
SITE 01	66	.7	.5	.6	.9	.7
	67	1.1	.5	.7	.8	.8
WILMINGTON						
SITE 01	66	.9	.8	.6	1.4	.9
	67	1.6	.7	1.6	.8	1.2
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.6	.5	.7	.8	.6
	67	1.0	1.0	1.3	.6	1.0
GEORGIA						
ATLANTA						
SITE 01	66	1.4	1.1	1.3	.7	1.1
	67	1.3	1.5	2.2	1.8	1.7
HAWAII						
HONOLULU						
SITE 01	66	.9	.5	.3	.8	.6
	67	.8	1.0	.8	.9	.9
IDAHO						
BOISE						
SITE 01	66	.5	.4	1.0	.8	.7
	67	.5	.3	1.0	.8	.6
ILLINOIS						
CHICAGO						
SITE 01	66	1.4	1.2	2.0	2.0	1.6
	67	1.2	1.1	1.4	1.0	1.2
EAST ST LOUIS						
SITE 01	67	.6	1.0	2.1	1.2	1.2
ROCKFORD						
SITE 01	67	.9	.7	1.5	.6	.9
SPRINGFIELD						
SITE 01	67	.4	.9	.9	.8	.7
INDIANA						
EAST CHICAGO						
SITE 01	66	.9	.9	1.1	1.2	1.0
	67	1.4	1.0	1.7	.8	1.2
HAMMOND						
SITE 01	66	.7	.9	1.1	.5	.8
	67	1.4	1.4	1.3	.9	1.2
INDIANAPOLIS						
SITE 01	66	.9	1.6	2.2	2.0	1.6
	67	1.5	1.6	1.7	1.3	1.5
MUNCIE						
SITE 01	66	.8	1.9	2.0	.9	1.4
	67	1.0	1.3	1.3	1.1	1.2
NEW ALBANY						
SITE 02	67	.7	.6	.7	.8	.7
SOUTH BEND						
SITE 01	66	.8	.7	.8	1.0	.8
	67	.9	1.2	1.2	.9	1.0
TERRE HAUTE						
SITE 01	67	.9	1.0	1.0	.3	.8
IOWA						
CEDAR RAPIDS						
SITE 01	67	.6	.7	.8	.5	.6
DAVENPORT						
SITE 01	66	.5	.4	.9	.6	.6
DES MOINES						
SITE 01	66	.7	.5	.7	.3	.5
	67	1.1	.7	.5	.5	.7
DUBUQUE						
SITE 01	66	.6	.8	.9	.5	.7
	67	.7	.9	.8	.5	.7
KANSAS						
KANSAS CITY						
SITE 01	66	.5	.5	.4	.4	.4
TOPEKA						
SITE 01	67	.6	.6	.5	.2	.5
WICHITA						
SITE 01	66	.7	.5	.8	1.4	.9
	67	.8	.5	.8	.9	.7
KENTUCKY						
ASHLAND						
SITE 01	66	.6	.7	1.0	2.1	1.1
COVINGTON						
SITE 01	66	.8	.7	1.8	1.2	1.1
	67	.9	1.0	1.0	.8	.9

Table 7-17 (continued). LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	1.0	1.2	1.2	.5	1.0
LOUISVILLE SITE 01	66	.8	1.0	1.3	1.5	1.1
	67	2.0	2.4	2.2	.9	1.9
LOUISIANA NEW ORLEANS SITE 02	66	.7	.6	.8	1.2	.8
	67	1.2	1.3	1.5	.7	1.2
MARYLAND BALTIMORE SITE 01	66	1.3	.9	1.3	3.1	1.6
	67	2.1	2.7	.8	1.3	1.7
MICHIGAN DETROIT SITE 01	66	.7	1.2	1.5	1.2	1.1
	67	2.5	3.0	3.2	1.0	2.4
FLINT SITE 01	67	1.5	1.2	1.0	.5	1.0
GRAND RAPIDS SITE 01	67	1.9	1.7	2.0	.5	1.6
MINNESOTA DULUTH SITE 01	66	.2	.3	.4	.5	.3
MINNEAPOLIS SITE 01	66	.4	.7	.4	.7	.5
	67	1.0	.4	1.3	.6	.9
MOORHEAD SITE 01	66	.3	.2	.2	.4	.3
ST PAUL SITE 01	66	.8	.5	.9	.7	.7
	67	2.3	.8	1.3	1.1	1.4
MISSISSIPPI JACKSON SITE 01	66	.4	.4	.6	.8	.5
MISSOURI KANSAS CITY SITE 01	66	.7	.5	.6	.7	.6
	67	1.4	2.6	1.4	1.0	1.6
ST LOUIS SITE 01	66	1.3	.6	1.3	.6	.9
	67	1.6	1.6	1.3	.8	1.3
MONTANA HELENA SITE 01	66	.4	.1	.1	.4	.2
	67	.8	.3	.5	.2	.4
NEBRASKA OMAHA SITE 01	66	.5	1.1	.5	2.4	1.1
	67	2.5	5.9	1.5	1.2	2.8
NEVADA LAS VEGAS SITE 01	66	.9	.5	.7	.9	.7
	67	2.9	1.4	.9	.8	1.5
RENO SITE 01	67	3.3	1.3	1.6	1.1	1.8
NEW HAMPSHIRE CONCORD SITE 01	66	.3	.2	.6	1.1	.5
	67	1.7	.7	.6	.6	.9
NEW JERSEY BAYONNE SITE 01	67	2.6	.9	1.4	.9	1.4
BURLINGTON COUNTY SITE 02	66	1.2	.7	1.4	.6	1.0
	67	2.6	2.3	2.8	.6	2.1
CAMDEN SITE 01	66	.8	.6	1.1	1.1	.8
GLASSBORO SITE 01	66	.4	.3	.5	.6	.4
	67	.9	.8	.6	.4	.6
NEW JERSEY JERSEY CITY SITE 01	66	.9	.5	1.4	1.0	.9
	67	1.8	2.6	1.2	.6	1.5
NEWARK SITE 01	66	1.4	.7	.3	1.1	.9
	67	3.2	2.3	1.3	.7	1.9
PATERSON SITE 01	67	2.3	2.0	1.3	.7	1.6
PERTH AMBOY SITE 01	66	.6	.8	1.1	1.0	.9
	67	2.5	1.4	2.5	.5	1.7
TRENTON SITE 01	66	.6	.3	.6	1.5	.7
NEW MEXICO ALBUQUERQUE SITE 01	66	.4	.3	.3	1.2	.5
	67	3.2	1.3	.8	.4	1.4
NEW YORK NEW YORK CITY SITE 01	66	.7	.7	.9	1.1	.8
	67	1.8	2.8	2.2	.8	1.9
NORTH CAROLINA CHARLOTTE SITE 01	66	.7	.7	.9	1.0	1.0
	67	1.4	1.0	2.8	.9	1.5
OHIO AKRON SITE 01	66	1.2	1.0	1.3	1.4	1.2
	67	1.8	1.4	2.2	.4	1.4
CINCINNATI SITE 01	66	.9	2.2	1.3	2.0	1.6
	67	1.2	.9	1.9	.9	1.2
CLEVELAND SITE 01	66	1.2	.8	1.8	.9	1.1
	67	1.3	2.4	1.2	.6	1.4
COLUMBUS SITE 01	66	.9	1.0	1.9	.9	1.2
	67	1.2	1.2	1.1	.4	1.0
DAYTON SITE 01	66	1.2	1.3	.9	1.0	1.1
	67	1.5	.8	2.2	1.2	1.3
TOLEDO SITE 01	66	.6	.7	.6	.9	.7
	67	1.1	1.2	1.1	.4	.9
YOUNGSTOWN SITE 01	66	.8	1.1	1.8	.7	1.1
	67	1.6	1.4	1.1	.8	1.2
OKLAHOMA OKLAHOMA CITY SITE 01	66	1.2	.4	.7	.4	.7
	67	2.2	1.3	.6	.3	1.1
TULSA SITE 01	66	.3	.3	.4	.7	.4
	67	1.0	.8	.4	.0	.5
OREGON EUGENE SITE 01	67	1.3	1.1	1.9	.6	1.2
MEDFORD SITE 01	67	.7	.6	.4	.5	.5
PORTLAND SITE 01	66	.8	.6	.9	1.5	.9
	67	1.0	1.8	1.5	.9	1.3
PENNSYLVANIA ALLENTOWN SITE 01	67	.9	1.6	1.2	.3	1.0
ALTOONA SITE 01	67	.7	1.0	1.1	.4	.8
BETHLEHEM SITE 01	67	1.8	1.0	1.0	.3	1.0

Table 7-17 (continued). LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	1.6	.5	1.6	2.8	1.6
	67	2.1	1.2	.9	.6	1.2
PHILADELPHIA SITE 01	66	1.3	1.1	1.2	1.3	1.2
	67	3.6	2.0	1.2	.8	1.9
PITTSBURGH SITE 01	66	.8	.5	1.2	.6	.8
	67	1.7	2.2	1.2	.8	1.5
READING SITE 01	66	1.1	.7	.8	3.2	1.4
	67	1.6	1.1	.9	.9	1.1
WARMINSTER SITE 01	66	.6	.6	.6	.5	.6
	67	1.2	.7	.8	.7	.8
WEST CHESTER SITE 01	67	1.0	.8	.9	.6	.8
YORK SITE 01	67	1.5	.9	.9	.8	1.0
PUERTO RICO BAYAMON SITE 01	66	.3	.2	.3	.3	.3
	67	.8	.4	.3	.3	.4
CATANO SITE 01	66	.7	.4	.4	.3	.4
	67	.7	.2	.9	.3	.5
GUAYANILLA SITE 01	66	.2	.2	.1	.2	.2
	67	.0	.0	.2	.0	.0
PONCE SITE 01	66	.8	.6	.5	.7	.6
	67	.9	.5	.5	.3	.5
RHODE ISLAND EAST PROVIDENCE SITE 01	67	1.6	.9	.9	.4	.9
PROVIDENCE SITE 01	66	1.4	1.3	1.1	1.7	1.4
	67	3.1	1.2	1.0	.8	1.5
SOUTH CAROLINA COLUMBIA SITE 01	67	1.2	1.1	.7	.7	.9
GREENVILLE SITE 01	66	2.1	.9	1.3	1.2	1.4
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.5	.5	.4	.4	.5
TENNESSEE CHATTANOOGA SITE 01	66	.9	.5	.7	1.4	.9
	67	1.4	1.1	.8	.9	1.0
KNOXVILLE SITE 01	67	1.3	2.0	.9	.6	1.2
MEMPHIS SITE 01	66	.8	.6	.6	1.5	.9
	67	1.0	1.3	.6	.9	.9
NASHVILLE SITE 01	66	.5	.7	.5	.9	.7
	67	.9	1.5	.7	.6	.9

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS DALLAS SITE 01	66	3.5	3.5	1.4	1.1	2.4
HOUSTON SITE 01	66	1.2	1.2	1.6	2.4	1.6
	67	3.6	1.3	1.3	.7	1.7
PASADENA SITE 01	67	1.2	.9	1.0	.3	.8
SAN ANTONIO SITE 01	66	.8	.7	1.0	1.1	.9
	67	1.0	.9	.7	.6	.8
UTAH OGDEN SITE 01	66	.9	.3	.9	1.3	.7
SALT LAKE CITY SITE 01	66	.8	.8	1.0	2.1	1.0
	67	1.3	.9	1.0	.8	1.0
VERMONT BURLINGTON SITE 01	66	.7	.7	.9	.4	.6
VIRGINIA DANVILLE SITE 01	66	.6	.3	.7	.9	.7
HAMPTON SITE 01	67	.7	.5	.6	.4	.5
LYNCHBURG SITE 01	67	1.2	1.3	.9	.7	1.0
NORFOLK SITE 01	66	.3	.4	.5	.6	.4
	67	.5	.5	.8	.6	.6
PORTSMOUTH SITE 01	67	.6	.6	.5	.2	.5
RICHMOND SITE 01	67	.9	1.1	.8	.7	.8
ROANOKE SITE 01	67	1.3	.9	1.2	.5	1.0
WASHINGTON SEATTLE SITE 01	66	1.8	1.3	1.3	2.3	1.6
	67	1.4	1.3	1.1	.8	1.1
WEST VIRGINIA CHARLESTON SITE 01	66	1.1	.8	.6	.7	.7
	67	.9	1.1	.9	.6	.8
WISCONSIN KENOSHA SITE 01	67	.8	.7	.7	.8	.7
MADISON SITE 01	67	1.1	.7	.7	.7	.8
MILWAUKEE SITE 01	66	.6	.6	1.0	1.2	1.0
	67	.9	1.6	1.0	.8	1.0
WYOMING CASPER SITE 01	67	.1	.4	.2	.3	.2
CHEYENNE SITE 01	66	.2	.1	.1	.2	.1
	67	.2	.2	.2	.1	.2

Table 7-18. LEAD, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar	4th quar	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.06	.17	.35	.20	.19
	67	.05	.10	.00	.04	.05
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.05	.04	.04	.06	.05
	67	.03	.04	.00	.07	.03
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.03	.03	.06	.10	.05
	67	.08	.05	.08	.24	.11
COLORADO MESA VERDE NAT PK SITE 01	66	.00	.00	.03	.03	.01
	67	.00	.00	.00	.00	.00
DELAWARE KENT COUNTY SITE 01	66	.24	.09	.22	.42	.24
	67	.11	.06	.10	.21	.12
IDAHO BUTTE COUNTY SITE 01	67	.00	.00	.00	.00	.00
INDIANA MONROE COUNTY SITE 01	66	.18	.09	.09	.16	.13
	67	.03	.06	.11	.10	.07
PARKE COUNTY SITE 01	66	.13	.12	.15	.11	.12
	67	.03	.04	.07	.10	.06
MAINE ACADIA NAT PK SITE 01	66	.04	.04	.07	.12	.07
	67	.15	.17	.06	.16	.14
MARYLAND CALVERT COUNTY SITE 01	66	.18	.09	.13	.22	.15
	67	.62	.13	.60	.41	.44
MISSISSIPPI JACKSON COUNTY SITE 01	66	.08	.09	.08	.05	.08
	67	.17	.09	.21	.10	.14
MISSOURI SHANNON COUNTY SITE 01	66	.04	.00	.04	.07	.04
	67	.05	.22	.15	.06	.12
MONTANA GLACIER NAT PK SITE 01	66	.00	.00	.02	.00	.00
	67	.00	.03	.02	.00	.01
NEBRASKA THOMAS COUNTY SITE 01	66	[illegible]	.03	.03	.06	.03
	67	.00	.00	.00	.00	.00
NEVADA WHITE PINE COUNTY SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.02	.00
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.03	.05	.04	.11	.06
	67	.04	.00	.07	.07	.04
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.00	.00	.00	.03	.01
	67	.00	.00	.00	.04	.01
NEW YORK JEFFERSON COUNTY SITE 01	66	.17	.06	.17	.14	.13
	67	.10	.11	.09	.17	.12
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.06	.04	.06	.08	.06
	67	.03	.03	.06	.08	.05
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.11	.04	.09	.07	.08
	67	.07	.04	.06	.07	.06
OREGON CURRY COUNTY SITE 01	66	.02	.02	.05	.03	.03
	67	.00	.00	.00	.25	.06
PENNSYLVANIA CLARION COUNTY SITE 01	66	.10	.07	.08	.13	.09
	67	.18	.11	.19	.22	.17
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.30	.12	.16	.20	.19
	67	.25	.19	.43	.21	.26
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.16	.09	.06	.06	.09
	67	.15	.08	.05	.20	.12
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.05	.01
TEXAS MATAGORDA COUNTY SITE 01	66	.10	.03	.00	.03	.04
	67	.03	.00	.04	.03	.02
VERMONT ORANGE COUNTY SITE 01	66	.12	.05	.08	.14	.10
	67	.19	.19	.09	.19	.16
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.09	.10	.10	.15	.11
	67	.10	.12	.09	.23	.13
WISCONSIN DOOR COUNTY SITE 01	67	.03	.08	.12	.07	.07
WYOMING YELLOWSTONE PARK SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-19. LEAD, STATE OF GEORGIA DATA

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
GEORGIA						
ALBANY						
SITE 01	67	1.4	.6	.3	1.2	.9
AUGUSTA						
SITE 01	67	1.5	.8	.6	1.4	1.0
BRUNSWICK						
SITE 01	67	.5	.3	.3	.6	.4
COLUMBUS						
SITE 01	67	.9	.6	.5	.8	.7
GAINESVILLE						
SITE 01	67	.8	.3	.4	.7	.5
LYONS						
SITE 01	67	.6	.3	.3	.5	.4
MACON						
SITE 01	67	1.9	1.7	.7	1.6	1.5
ROME						
SITE 01	67	.7	.6	.6	1.0	.7
ROSSVILLE						
SITE 01	67	1.0	.6	1.0	1.0	.9
SAVANNAH						
SITE 01	67	.9	.6	.5	1.0	.7
VALDOSTA						
SITE 01	67	1.1	.8	.7	1.2	.9

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg

Table 7-20. MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.26	.03	.29	.72	.32
GADSDEN						
SITE 01	66	.05	.05	.08	.05	.06
HUNTSVILLE						
SITE 01	67	.03	.03	.05	.06	.04
MOBILE						
SITE 01	66	.05	.06	.04	.08	.06
MONTGOMERY						
SITE 01	67	.02	.02	.08	.06	.04
ALASKA						
ANCHORAGE						
SITE 02	66	.06	.09	.12	.10	.09
SITE 03	67	.06	.09	.04	.03	.04
FAIRBANKS						
SITE 01	67	.03	.05	.08	.06	.04
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.01	.03	.07	.02	.03
	67	.04	.02	.08	.02	.03
PHOENIX						
SITE 02	66	.06	.07	.05	.13	.08
	67	.08	.06	.07	.06	.07
TUCSON						
SITE 01	66	.03	.04	.01	.05	.03
	67	.03	.03	.01	.03	.02
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.08	.08	.03	.03	.04
	67	.02	.02	.05	.03	.03
WEST MEMPHIS						
SITE 01	66	.10	.08	.08	.02	.07
CALIFORNIA						
BURBANK						
SITE 02	66	.03	.02	.05	.03	.03
GLENDALE						
SITE 01	67	.02	.02	.02	.00	.01
LONG BEACH						
SITE 01	67	.04	.02	.03	.01	.02
LOS ANGELES						
SITE 01	66	.06	.02	.05	.03	.04
	67	.03	.02	.05	.03	.03
OAKLAND						
SITE 01	66	.03	.04	.02	.03	.03
	67	.05	.03	.06	.02	.03
PASADENA						
SITE 01	66	.03	.03	.08	.02	.03
SAN DIEGO						
SITE 01	66	.02	.01	.00	.01	.01
	67	.01	.00	.02	.01	.01
SAN FRANCISCO						
SITE 01	66	.02	.00	.02	.05	.02
	67	.02	.00	.01	.03	.01
COLORADO						
DENVER						
SITE 01	66	.05	.03	.05	.04	.04
CONNECTICUT						
HARTFORD						
SITE 01	66	.06	.02	.02	.05	.04
NEW HAVEN						
SITE 01	66	.03	.03	.02	.02	.02
	67	.06	.03	.01	.01	.03
DELAWARE						
NEWARK						
SITE 01	66	.06	.06	.13	.06	.08
	67	.07	.04	.05	.04	.05
WILMINGTON						
SITE 01	66	.03	.03	.03	.08	.04
	67	.10	.02	.04	.05	.05
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.01	.01	.02	.02	.01
	67	.08	.02	.06	.05	.04
GEORGIA						
ATLANTA						
SITE 01	66	.07	.08	.05	.03	.06
	67	.06	.14	.11	.04	.09
HAWAII						
HONOLULU						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
IDAHO						
BOISE						
SITE 01	66	.02	.02	.06	.01	.03
	67	.02	.01	.05	.00	.02
ILLINOIS						
CHICAGO						
SITE 01	66	.08	.06	.13	.07	.08
	67	.06	.04	.12	.10	.08
EAST ST LOUIS						
SITE 01	67	.03	.05	.10	.06	.06
ROCKFORD						
SITE 01	67	.06	.05	.13	.11	.09
SPRINGFIELD						
SITE 01	67	.08	.06	.05	.03	.06
INDIANA						
EAST CHICAGO						
SITE 01	66	.10	.12	.13	.12	.12
	67	.13	.14	.26	.09	.15
HAMMOND						
SITE 01	66	.05	.12	.13	.05	.09
	67	.16	.23	.10	.09	.16
INDIANAPOLIS						
SITE 01	66	.05	.05	.08	.09	.07
	67	.06	.11	.07	.07	.08
MUNCIE						
SITE 01	66	.02	.07	.06	.06	.05
	67	.05	.04	.04	.06	.05
NEW ALBANY						
SITE 02	67	.06	.03	.04	.06	.05
SOUTH BEND						
SITE 01	66	.10	.05	.06	.09	.07
	67	.02	.16	.09	.09	.09
TERRE HAUTE						
SITE 01	67	.06	.06	.05	.02	.04
IOWA						
CEDAR RAPIDS						
SITE 01	67	.05	.09	.06	.06	.06
DAVENPORT						
SITE 01	66	.03	.02	.10	.02	.04
DES MOINES						
SITE 01	66	.06	.05	.07	.03	.05
	67	.05	.07	.09	.05	.06
DUBUQUE						
SITE 01	66	.02	.06	.06	.03	.04
	67	.05	.08	.08	.02	.06
KANSAS						
KANSAS CITY						
SITE 01	66	.03	.02	.01	.02	.02
TOPEKA						
SITE 01	67	.06	.03	.06	.03	.03
WICHITA						
SITE 01	66	.02	.05	.05	.03	.04
	67	.04	.04	.04	.01	.03
KENTUCKY						
ASHLAND						
SITE 01	66	.11	.08	.15	.29	.17
COVINGTON						
SITE 01	66	.22	.10	.43	.18	.23
	67	.02	.06	.10	.13	.10

Table 7-20 (continued). MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.07	.06	.06	.05	.06
LOUISVILLE SITE 01	66 67	.03 .09	.06 .16	.05 .07	.15 .03	.07 .09
LOUISIANA NEW ORLEANS SITE 02	66 67	.02 .02	.01 .02	.01 .04	.03 .22	.02 .13
MARYLAND BALTIMORE SITE 01	66 67	.12 .18	.06 .16	.08 .07	.18 .10	.11 .13
MICHIGAN DETROIT SITE 01	66 67	.07 .20	.11 .28	.11 .19	.13 .13	.10 .19
FLINT SITE 01	67	.11	.09	.04	.03	.06
GRAND RAPIDS SITE 01	67	.36	.04	.06	.03	.12
MINNESOTA DULUTH SITE 01	66	.01	.03	.03	.03	.02
MINNEAPOLIS SITE 01	66 67	.02 .05	.08 .06	.06 .08	.05 .04	.06 .05
MOORHEAD SITE 01	66	.00	.01	.01	.00	.01
ST PAUL SITE 01	66 67	.03 .15	.02 .05	.08 .07	.02 .05	.03 .08
MISSISSIPPI JACKSON SITE 01	66	.02	.01	.06	.03	.02
MISSOURI KANSAS CITY SITE 01	66 67	.11 .06	.02 .15	.03 .09	.03 .02	.02 .08
ST LOUIS SITE 01	66 67	.08 .08	.06 .06	.10 .05	.03 .03	.06 .05
MONTANA HELENA SITE 01	66 67	.00 .03	.00 .02	.09 .06	.01 .03	.02 .03
NEBRASKA OMAHA SITE 01	66 67	.02 .08	.05 .08	.02 .14	.03 .06	.03 .08
NEVADA LAS VEGAS SITE 01	66 67	.01 .02	.01 .03	.01 .02	.01 .03	.01 .02
RENO SITE 01	67	.07	.06	.07	.03	.05
NEW HAMPSHIRE CONCORD SITE 01	66 67	.00 .03	.01 .02	.02 .03	.02 .00	.01 .02
NEW JERSEY BAYONNE SITE 01	67	.15	.02	.04	.07	.08
BURLINGTON COUNTY SITE 02	66 67	.09 .04	.03 .06	.07 .06	.01 .02	.05 .05
CAMDEN SITE 01	66	.10	.03	.14	.26	.13
GLASSBORO SITE 01	66 67	.14 .04	.02 .04	.01 .02	.03 .01	.03 .03
NEW JERSEY JERSEY CITY SITE 01	66 67	.12 .05	.01 .07	.03 .05	.02 .01	.02 .04
NEWARK SITE 01	66 67	.05 .09	.07 .06	.06 .05	.03 .01	.04 .05
PATERSON SITE 01	67	.08	.05	.03	.12	.06
PERTH AMBOY SITE 01	66 67	.02 .10	.02 .06	.07 .08	.02 .02	.03 .05
TRENTON SITE 01	66	.02	.02	.03	.13	.05
NEW MEXICO ALBUQUERQUE SITE 01	66 67	.02 .08	.03 .06	.03 .03	.04 .02	.03 .06
NEW YORK NEW YORK CITY SITE 01	66 67	.02 .06	.02 .07	.02 .09	.02 .09	.02 .08
NORTH CAROLINA CHARLOTTE SITE 01	66 67	.06 .04	.07 .04	.06 .07	.06 .02	.06 .04
OHIO AKRON SITE 01	66 67	.06 .10	.10 .20	.07 .21	.16 .08	.09 .16
CINCINNATI SITE 01	66 67	.08 .13	.67 .15	.69 .22	.03 .45	.36 .26
CLEVELAND SITE 01	66 67	.12 .21	.08 .16	.08 .08	.06 .08	.08 .13
COLUMBUS SITE 01	66 67	.04 .10	.06 .07	.08 .05	.05 .01	.08 .06
DAYTON SITE 01	66 67	.07 .08	.11 .08	.08 .10	.10 .07	.09 .10
TOLEDO SITE 01	66 67	.03 .08	.06 .07	.06 .00	.06 .02	.06 .06
YOUNGSTOWN SITE 01	66 67	.12 .23	.20 .25	.67 .16	.11 .08	.27 .17
OKLAHOMA OKLAHOMA CITY SITE 01	66 67	.03 .03	.02 .04	.01 .02	.02 .03	.01 .02
TULSA SITE 01	66 67	.01 .03	.02 .02	.03 .02	.02 .03	.02 .03
OREGON EUGENE SITE 01	67	.06	.06	.09	.03	.05
MEDFORD SITE 01	67	.04	.05	.07	.03	.05
PORTLAND SITE 01	66 67	.05 .03	.12 .12	.08 .10	.06 .06	.08 .07
PENNSYLVANIA ALLENTOWN SITE 01	67	.21	.03	.10	.03	.09
ALTOONA SITE 01	67	.06	.07	.07	.09	.08
BETHLEHEM SITE 01	67	.30	.66	.12	.11	.30

Table 7-20 (continued). MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.16	.04	.11	.28	.15
	67	.21	.06	.03	.03	.08
PHILADELPHIA						
SITE 01	66	.45	.19	.36	.79	.45
	67	.57	.64	.14	.61	.49
PITTSBURGH						
SITE 01	66	.05	.07	.21	.10	.10
	67	.27	.35	.22	.11	.24
READING						
SITE 01	66	.38	.13	.10	.49	.27
	67	.79	.15	.13	.11	.29
WARMINSTER						
SITE 01	66	.15	.05	.05	.02	.07
	67	.10	.05	.04	.05	.06
WEST CHESTER						
SITE 01	67	.07	.06	.01	.02	.04
YORK						
SITE 01	67	.09	.05	.15	.03	.08
PUERTO RICO						
BAYAMON						
SITE 01	66	.01	.01	.02	.00	.01
	67	.04	.02	.01	.00	.02
CATANO						
SITE 01	66	.02	.01	.03	.02	.02
	67	.04	.03	.02	.00	.02
GUAYANILLA						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.01	.00	.00	.00
PONCE						
SITE 01	66	.04	.02	.02	.04	.03
	67	.04	.02	.03	.02	.03
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.04	.02	.01	.00	.02
PROVIDENCE						
SITE 01	66	.03	.06	.03	.03	.03
	67	.04	.03	.01	.01	.02
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.03	.06	.02	.02	.03
GREENVILLE						
SITE 01	66	.05	.02	.02	.01	.02
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.05	.05	.04	.05	.05
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.10	.15	.16	.15	.14
	67	.18	.13	.08	.11	.12
KNOXVILLE						
SITE 01	67	1.00	1.50	.25	.48	.81
MEMPHIS						
SITE 01	66	.78	.26	.03	.06	.28
	67	.05	.03	.03	.10	.05
NASHVILLE						
SITE 01	66	.02	.03	.03	.05	.03
	67	.06	.10	.02	.02	.05

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.05	.04	.02	.02	.03
HOUSTON						
SITE 01	66	.04	.03	.06	.06	.05
	67	.12	.03	.08	.07	.07
PASADENA						
SITE 01	67	.10	.05	.09	.04	.07
SAN ANTONIO						
SITE 01	66	.00	.02	.02	.01	.01
	67	.03	.03	.02	.01	.02
UTAH						
OGDEN						
SITE 01	66	.01	.00	.01	.02	.01
SALT LAKE CITY						
SITE 01	66	.01	.01	.02	.02	.02
	67	.05	.04	.01	.01	.03
VERMONT						
BURLINGTON						
SITE 01	66	.02	.06	.03	.02	.03
VIRGINIA						
DANVILLE						
SITE 01	66	.07	.02	.06	.02	.04
HAMPTON						
SITE 01	67	.06	.06	.02	.01	.03
LYNCHBURG						
SITE 01	67	.90	.05	.72	.28	.49
NORFOLK						
SITE 01	66	.01	.01	.01	.02	.01
	67	.03	.03	.02	.02	.02
PORTSMOUTH						
SITE 01	67	.02	.05	.02	.00	.02
RICHMOND						
SITE 01	67	.02	.03	.01	.01	.02
ROANOKE						
SITE 01	67	.12	.09	.12	.05	.09
WASHINGTON						
SEATTLE						
SITE 01	66	.03	.04	.04	.05	.04
	67	.05	.03	.03	.02	.03
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.10	.19	.10	.36	.19
	67	.09	.30	.13	.05	.14
WISCONSIN						
KENOSHA						
SITE 01	67	.05	.06	.02	.04	.04
MADISON						
SITE 01	67	.03	.02	.02	.01	.02
MILWAUKEE						
SITE 01	66	.10	.05	.18	.08	.10
	67	.08	.26	.06	.12	.13
WYOMING						
CASPER						
SITE 01	67	.01	.02	.00	.00	.01
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.01	.00	.00	.00

Table 7-21. MANGANESE, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.004	.020	.010	.004	.009
	67	.004	.006	.008	.000	.004
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.016	.011	.013	.014	.013
	67	.005	.013	.004	.007	.007
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.004	.004	.008	.004	.005
	67	.000	.000	.005	.006	.003
COLORADO MESA VERDE NAT PK SITE 01	66	[illegible]	.008	.005	.007	.005
	67	.000	.005	.000	.004	.002
DELAWARE KENT COUNTY SITE 01	66	.038	.019	.031	.042	.032
	67	.022	.012	.016	.000	.012
IDAHO BUTTE COUNTY SITE 01	67	.002	.000	.007	.000	.002
INDIANA MONROE COUNTY SITE 01	66	.032	.014	.012	.042	.025
	67	.010	.010	.014	.013	.012
PARKE COUNTY SITE 01	66	.024	.032	.014	.025	.024
	67	.013	.009	.015	.011	.012
MAINE ACADIA NAT PK SITE 01	66	.005	.005	.007	.000	.004
	67	.019	.014	.026	.010	.017
MARYLAND CALVERT COUNTY SITE 01	66	.017	.016	.013	.012	.015
	67	.050	.048	.030	.018	.036
MISSISSIPPI JACKSON COUNTY SITE 01	66	.053	.011	.013	.015	.018
	67	.016	.000	.031	.007	.013
MISSOURI SHANNON COUNTY SITE 01	66	.008	.008	.014	.007	.009
	67	.028	.045	.034	.014	.029
MONTANA GLACIER NAT PK SITE 01	66	[illegible]	.004	.014	.000	.004
	67	.000	.000	.026	[illegible]	.006
NEBRASKA THOMAS COUNTY SITE 01	66	[illegible]	.004	.007	.005	.004
	67	[illegible]	.014	.004	.014	[illegible]
NEVADA WHITE PINE COUNTY SITE 01	66	[illegible]	.006	.000	.000	.001
	67	[illegible]	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.007	.019	.021	.017	.016
	67	.007	.004	.009	.011	.008
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.008	.015	.012	.009	.011
	67	.011	.006	.000	.000	.004
NEW YORK JEFFERSON COUNTY SITE 01	66	.040	.025	.048	.018	.033
	67	.016	.016	.023	.023	.019
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.011	.007	.009	.026	.013
	67	.006	.006	.005	.011	.007
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.014	.012	.022	.023	.018
	67	.007	.011	.010	.007	.009
OREGON CURRY COUNTY SITE 01	66	.050	.000	.004	.000	.013
	67	.000	.000	.004	.000	.001
PENNSYLVANIA CLARION COUNTY SITE 01	66	.047	.026	.031	.019	.031
	67	.051	.047	.054	.053	.051
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.019	.015	.011	.010	.014
	67	.016	.019	.019	.011	.016
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.013	.007	.004	.006	.007
	67	.016	.019	.004	.010	.012
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.009	.020	.007
TEXAS MATAGORDA COUNTY SITE 01	66	.006	.005	.000	.000	.003
	67	.004	.004	.005	.005	.004
VERMONT ORANGE COUNTY SITE 01	66	.011	.029	.023	.017	.020
	67	.022	.032	.017	.012	.021
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.018	.023	.024	.014	.020
	67	.015	.014	.006	.018	.013
WISCONSIN DOOR COUNTY SITE 01	67	.007	.018	.014	.008	.012
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.006	.000	.001
	67	.000	.000	.000	.000	.000

Table 7-22. MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.006	.000	.000	.001
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.000	.000	.002	.000	.000
MONTGOMERY						
SITE 01	67	.000	.000	.000	.000	.000
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS						
SITE 01	67	.000	.000	.000	.000	.000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.000	.000	.000	.003	.001
	67	.003	.000	.000	.000	.001
TUCSON						
SITE 01	66	.002	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.000	.000	.000	.000	.000
GLENDALE						
SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES						
SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OAKLAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
PASADENA						
SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
DENVER						
SITE 01	66	.011	.007	.012	.012	.010
CONNECTICUT						
HARTFORD						
SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
NEWARK						
SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.000	.000	.000	.000
WILMINGTON						
SITE 01	66	.000	.000	.000	.000	.001
	67	.000	.000	.000	.006	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA						
ATLANTA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.004	.000	.005	.006	.003
	67	.006	.004	.006	.008	.005
EAST ST LOUIS						
SITE 01	67	.000	.002	.003	.003	.002
ROCKFORD						
SITE 01	67	.000	.000	.002	.000	.000
SPRINGFIELD						
SITE 01	67	.000	.000	.002	.000	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.013	.018	.057	.019	.027
	67	.000	.140	.006	.012	.039
HAMMOND						
SITE 01	66	.000	.006	.006	.000	.002
	67	.000	.012	.000	.000	.006
INDIANAPOLIS						
SITE 01	66	.000	.000	.003	.003	.001
	67	.003	.004	.000	.000	.002
MUNCIE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.002	.000
SOUTH BEND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.002	.000	.000	.000
TERRE HAUTE						
SITE 01	67	.000	.000	.002	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.003	.000	.000	.001
DAVENPORT						
SITE 01	66	.000	.000	.005	.000	.001
DES MOINES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.003	.000	.006	.021	.007
COVINGTON						
SITE 01	66	.005	.000	.006	.005	.004
	67	.000	.000	.000	.000	.000

Table 7-22 (continued). MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.006	.007	.000	.000	.000
LOUISVILLE SITE 01	66	.011	.010	.010	.010	.010
	67	.014	.006	.005	.000	.006
LOUISIANA NEW ORLEANS SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND BALTIMORE SITE 01	66	.005	.008	.006	.008	.006
	67	.008	.006	.004	.000	.006
MICHIGAN DETROIT SITE 01	66	.000	.002	.002	.004	.002
	67	.003	.003	.003	.000	.002
FLINT SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA DULUTH SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS SITE 01	66	.003	.000	.000	.000	.001
	67	.004	.000	.000	.000	.001
MOORHEAD SITE 01	66	.000	.000	.000	.000	.000
ST PAUL SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI JACKSON SITE 01	66	.000	.000	.000	.000	.000
MISSOURI KANSAS CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS SITE 01	66	.006	.002	.007	.003	.004
	67	.003	.005	.001	.000	.002
MONTANA HELENA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA OMAHA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA LAS VEGAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE CONCORD SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY BAYONNE SITE 01	67	.007	.010	.000	.000	.002
BURLINGTON COUNTY SITE 02	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
CAMDEN SITE 01	66	.002	.002	.003	.001	.002
GLASSBORO SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.005	.002	.000	.002
NEWARK SITE 01	66	.003	.000	.003	.004	.002
	67	.004	.000	.004	.000	.002
PATERSON SITE 01	67	.005	.005	.000	.000	.002
PERTH AMBOY SITE 01	66	.000	.000	.003	.000	.001
	67	.006	.000	.000	.000	.001
TRENTON SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO ALBUQUERQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK NEW YORK CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.005	.006	.000	.004
NORTH CAROLINA CHARLOTTE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO AKRON SITE 01	66	.000	.003	.002	.008	.003
	67	.000	.005	.011	.000	.006
CINCINNATI SITE 01	66	.005	.003	.002	.000	.002
	67	.005	.000	.003	.002	.002
CLEVELAND SITE 01	66	.003	.002	.002	.000	.002
	67	.005	.004	.003	.000	.003
COLUMBUS SITE 01	66	.002	.000	.000	.000	.000
	67	.006	.002	.003	.000	.002
DAYTON SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.003	.000	.000	.001
TOLEDO SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.004	.000	.001
YOUNGSTOWN SITE 01	66	.005	.008	.011	.007	.008
	67	.010	.010	.003	.004	.007
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON EUGENE SITE 01	67	.000	.000	.000	.000	.000
MEDFORD SITE 01	67	.010	.000	.000	.000	.000
PORTLAND SITE 01	66	.003	.003	.010	.000	.004
	67	.000	.003	.002	.000	.001
PENNSYLVANIA ALLENTOWN SITE 01	67	.002	.006	.002	.000	.002
ALTOONA SITE 01	67	.006	.002	.005	.000	.003
BETHLEHEM SITE 01	67	.004	.006	.003	.008	.005

Table 7-22 (continued). MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.005	.000	.003	.002	.002
	67	.004	.000	.000	.000	.001
PHILADELPHIA						
SITE 01	66	.002	.001	.002	.000	.001
	67	.004	.005	.000	.006	.004
PITTSBURGH						
SITE 01	66	.018	.085	.052	.064	.050
	67	.071	.100	.067	.100	.070
READING						
SITE 01	66	.038	.008	.008	.092	.036
	67	.046	.000	.003	.008	.014
WARMINSTER						
SITE 01	66	.003	.000	.001	.000	.001
	67	.004	.000	.000	.000	.001
WEST CHESTER						
SITE 01	67	.003	.006	.000	.000	.002
YORK						
SITE 01	67	.005	.000	.000	.000	.001
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.000	.000	.002	.001
	67	.003	.000	.000	.000	.001
KNOXVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.000	.005	.001
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.000	.000	.000	.002	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.002	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.000	.004	.001
	67	.006	.002	.000	.000	.001
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.000	.000	.000	.000	.000
HAMPTON						
SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG						
SITE 01	67	.000	.000	.000	.000	.000
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH						
SITE 01	67	.000	.000	.000	.000	.000
RICHMOND						
SITE 01	67	.000	.000	.000	.000	.000
ROANOKE						
SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON						
SEATTLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.004	.004	.000	.002
WISCONSIN						
KENOSHA						
SITE 01	67	.003	.000	.000	.000	.001
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.006	.000	.001
	67	.000	.006	.002	.000	.002
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-23. MOLYBDENUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO MESA VERDE NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE KENT COUNTY SITE 01	66	.0016	.0000	.0014	.0000	.0007
	67	.0011	.0000	.0000	.0016	.0007
IDAHO BUTTE COUNTY SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA MONROE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PARKE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MAINE ACADIA NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND CALVERT COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0022	.0000	.0000	.0000	.0005
MISSISSIPPI JACKSON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSOURI SHANNON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA GLACIER NAT PK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA THOMAS COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA WHITE PINE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK JEFFERSON COUNTY SITE 01	66	.0000	.0000	.0000	.0009	.0002
	67	.0000	.0000	.0000	.0000	.0000
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.0000	.0000	.0000	.0011	.0003
	67	.0000	.0000	.0000	.0000	.0000
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON CURRY COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.0018	.0000	.0009	.0019	.0011
	67	.0027	.0027	.0022	.0044	.0030
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TEXAS MATAGORDA COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT ORANGE COUNTY SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.0000	.0000	.0009	.0000	.0002
	67	.0000	.0000	.0000	.0009	.0002
WISCONSIN DOOR COUNTY SITE 01	67	.0000	.0000	.0000	.0000	.0000
WYOMING YELLOWSTONE PARK SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-24. NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	.026	.014	.014	.022	.016
GADSDEN SITE 01	66	.006	.006	.011	.006	.007
HUNTSVILLE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOBILE SITE 01	66	.013	.014	.014	.012	.013
MONTGOMERY SITE 01	67	.010	[illegible]	.021	.010	.008
ALASKA ANCHORAGE SITE 02	66	[illegible]	.020	.026	.023	.017
SITE 03	67	[illegible]	.020	.013	.007	.010
FAIRBANKS SITE 01	67	[illegible]	.008	.010	.009	.008
ARIZONA MARICOPA COUNTY SITE 01	66	[illegible]	[illegible]	.011	[illegible]	.002
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHOENIX SITE 02	66	.016	.010	.011	.019	.013
	67	.014	.013	.009	.010	.011
TUCSON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS LITTLE ROCK SITE 01	66	[illegible]	.012	[illegible]	[illegible]	.003
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST MEMPHIS SITE 01	66	[illegible]	.011	.016	[illegible]	.016
CALIFORNIA BURBANK SITE 02	66	.052	.020	.030	.018	[illegible]
GLENDALE SITE 01	67	.031	.013	.010	.009	.016
LONG BEACH SITE 01	67	.062	.019	.021	[illegible]	.025
LOS ANGELES SITE 01	66	.090	.017	.025	.025	.039
	67	.034	.014	.015	.027	.024
OAKLAND SITE 01	66	.023	.019	.017	.020	.022
	67	.044	.026	.025	.030	.031
PASADENA SITE 01	66	.055	.013	.013	.016	.025
SAN DIEGO SITE 01	66	.026	.016	.016	.037	.023
	67	.033	.016	.023	.017	.022
SAN FRANCISCO SITE 01	66	.042	.006	.011	.057	.029
	67	.045	[illegible]	[illegible]	.027	.019
COLORADO DENVER SITE 01	66	.011	[illegible]	.006	.007	.006
CONNECTICUT HARTFORD SITE 01	66	.047	.026	.015	.060	.035
NEW HAVEN SITE 01	66	.120	.110	.025	.054	.076
	67	.160	.080	.020	.113	.092
DELAWARE NEWARK SITE 01	66	.028	.020	.030	.021	.024
	67	.033	.019	.012	.021	.021
WILMINGTON SITE 01	66	.047	.037	.014	.052	.037
	67	.066	.038	.023	.044	.040
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	.029	.011	.019	.021	.017
	67	.037	.018	.021	.043	.028
GEORGIA ATLANTA SITE 01	66	.011	[illegible]	[illegible]	[illegible]	.002
	67	.006	.008	.011	.013	.008
HAWAII HONOLULU SITE 01	66	.052	.021	.023	.026	.033
	67	.022	.027	.021	.037	.026
IDAHO BOISE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	.013	[illegible]	[illegible]
ILLINOIS CHICAGO SITE 01	66	.118	.030	.016	.026	.039
	67	.036	.010	.014	.060	.031
EAST ST LOUIS SITE 01	67	.006	.016	.017	.018	.012
ROCKFORD SITE 01	67	.011	[illegible]	.013	[illegible]	.006
SPRINGFIELD SITE 01	67	[illegible]	[illegible]	.009	[illegible]	.003
INDIANA EAST CHICAGO SITE 01	66	.031	.060	.010	.048	.036
	67	.050	.030	.025	.037	.035
HAMMOND SITE 01	66	.012	.002	.013	.010	.016
	67	.022	.035	.021	.028	.026
INDIANAPOLIS SITE 01	66	.016	.011	.023	.026	.014
	67	.015	.026	.010	.017	.010
MUNCIE SITE 01	66	[illegible]	.011	[illegible]	[illegible]	.003
	67	[illegible]	[illegible]	[illegible]	.007	.002
NEW ALBANY SITE 02	67	.018	[illegible]	.011	.025	.015
SOUTH BEND SITE 01	66	.041	[illegible]	.010	.015	.016
	67	.026	.006	.016	[illegible]	.010
TERRE HAUTE SITE 01	67	.007	.010	.013	[illegible]	.006
IOWA CEDAR RAPIDS SITE 01	67	.007	.011	[illegible]	[illegible]	.006
DAVENPORT SITE 01	66	.006	[illegible]	.018	[illegible]	.006
DES MOINES SITE 01	66	.000	[illegible]	.013	.000	.005
	67	.007	.000	.013	.000	.006
DUBUQUE SITE 01	66	[illegible]	.006	.000	.000	.006
	67	.007	.008	.012	[illegible]	.007
KANSAS KANSAS CITY SITE 01	66	[illegible]	.000	[illegible]	[illegible]	.000
TOPEKA SITE 01	67	.000	[illegible]	[illegible]	[illegible]	[illegible]
WICHITA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY ASHLAND SITE 01	66	.011	.016	.022	.010	.017
COVINGTON SITE 01	66	.017	.006	.012	.013	.011
	67	[illegible]	[illegible]	.008	[illegible]	.002

Table 7-24 (continued). NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.007	.006	.009	.000	.005
LOUISVILLE SITE 01	66	.016	.044	.018	.046	.031
	67	.042	.036	.025	.013	.029
LOUISIANA NEW ORLEANS SITE 02	66	.013	.000	.006	.012	.008
	67	.015	.006	.017	.010	.012
MARYLAND BALTIMORE SITE 01	66	.066	.048	.035	.133	.071
	67	.062	.016	.031	.142	.063
MICHIGAN DETROIT SITE 01	66	.014	.064	.006	.021	.026
	67	.016	.022	.028	.043	.027
FLINT SITE 01	67	.003	.007	.016	.003	.008
GRAND RAPIDS SITE 01	67	.009	.006	.013	.006	.008
MINNESOTA DULUTH SITE 01	66	.003	.006	.004	.003	.004
MINNEAPOLIS SITE 01	66	.013	.000	.003	.007	.005
	67	.012	.000	.011	.000	.006
MOORHEAD SITE 01	66	.006	.000	.003	.000	.000
ST PAUL SITE 01	66	.014	.000	.000	.000	.003
	67	.025	.003	.003	.011	.010
MISSISSIPPI JACKSON SITE 01	66	.000	.003	.000	.006	.000
MISSOURI KANSAS CITY SITE 01	66	.006	.000	.003	.009	.004
	67	.011	.012	.010	.000	.008
ST LOUIS SITE 01	66	.016	.006	.016	.007	.011
	67	.014	.012	.006	.007	.010
MONTANA HELENA SITE 01	66	.003	.000	.000	.000	.000
	67	.003	.003	.000	.000	.000
NEBRASKA OMAHA SITE 01	66	.003	.000	.000	.003	.003
	67	.000	.008	.011	.000	.005
NEVADA LAS VEGAS SITE 01	66	.000	.003	.000	.003	.003
	67	.000	.000	.000	.002	.000
RENO SITE 01	67	.087	.025	.040	.025	.044
NEW HAMPSHIRE CONCORD SITE 01	66	.012	.006	.014	.015	.012
	67	.027	.014	.014	.019	.019
NEW JERSEY BAYONNE SITE 01	67	.130	.033	.052	.082	.074
BURLINGTON COUNTY SITE 02	66	.025	.076	.014	.061	.044
	67	.040	.022	.023	.011	.024
CAMDEN SITE 01	66	.054	.017	.033	.030	.033
GLASSBORO SITE 01	66	.015	.006	.013	.012	.011
	67	.013	.014	.017	.000	.011

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66	.070	.022	.051	.066	.052
	67	.076	.150	.037	.038	.075
NEWARK SITE 01	66	.071	.024	.064	.041	.050
	67	.140	.073	.068	.031	.078
PATERSON SITE 01	67	.130	.160	.027	.034	.088
PERTH AMBOY SITE 01	66	.035	.025	.076	.040	.044
	67	.120	.065	.068	.020	.068
TRENTON SITE 01	66	.025	.027	.023	.039	.028
NEW MEXICO ALBUQUERQUE SITE 01	66	.008	.000	.000	.000	.002
	67	.011	.000	.007	.000	.004
NEW YORK NEW YORK CITY SITE 01	66	.090	.042	.041	.060	.058
	67	.200	.240	.240	.070	.187
NORTH CAROLINA CHARLOTTE SITE 01	66	.000	.006	.010	.016	.008
	67	.007	.000	.014	.003	.006
OHIO AKRON SITE 01	66	.006	.011	.013	.018	.012
	67	.016	.014	.003	.006	.010
CINCINNATI SITE 01	66	.008	.016	.014	.012	.012
	67	.021	.010	.021	.008	.015
CLEVELAND SITE 01	66	.011	.012	.013	.006	.010
	67	.020	.021	.011	.006	.014
COLUMBUS SITE 01	66	.010	.015	.020	.023	.017
	67	.016	.023	.013	.009	.015
DAYTON SITE 01	66	.010	.012	.000	.009	.008
	67	.015	.013	.015	.015	.014
TOLEDO SITE 01	66	.006	.015	.007	.006	.008
	67	.012	.010	.024	.006	.013
YOUNGSTOWN SITE 01	66	.017	.025	.045	.019	.026
	67	.023	.023	.021	.011	.019
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.006	.000	.000	.001
TULSA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.008	.000	.002
OREGON EUGENE SITE 01	67	.011	.011	.020	.000	.010
MEDFORD SITE 01	67	.008	.007	.016	.000	.008
PORTLAND SITE 01	66	.041	.031	.031	.049	.038
	67	.020	.070	.061	.027	.041
PENNSYLVANIA ALLENTOWN SITE 01	67	.031	.033	.018	.006	.022
ALTOONA SITE 01	67	.011	.013	.012	.000	.009
BETHLEHEM SITE 01	67	.035	.030	.019	.007	.022

Table 7-24 (continued). NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, μg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.015	.009	.019	.020	.016
	67	.033	.015	.007	.009	.016
PHILADELPHIA SITE 01	66	.052	.025	.030	.040	.037
	67	.110	.084	.026	.031	.063
PITTSBURGH SITE 01	66	.015	.019	.032	.020	.022
	67	.026	.031	.035	.019	.028
READING SITE 01	66	.068	.033	.024	.031	.039
	67	.093	.020	.017	.024	.038
WARMINSTER SITE 01	66	.055	.013	.009	.011	.022
	67	.035	.018	.012	.016	.020
WEST CHESTER SITE 01	67	.018	.019	.000	.010	.011
YORK SITE 01	67	.031	.018	.013	.010	.020
PUERTO RICO BAYAMON SITE 01	66	.017	.016	.015	.008	.014
	67	.033	.014	.015	.076	.034
CATANO SITE 01	66	.027	.020	.060	.031	.034
	67	.013	.035	.031	.007	.021
GUAYANILLA SITE 01	66	.000	.000	.008	.008	.004
	67	.000	.018	.014	.000	.008
PONCE SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.000	.007	.000	.004
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.029	.019	.016	.012	.019
PROVIDENCE SITE 01	66	.120	.058	.014	.043	.059
	67	.053	.046	.017	.034	.037
SOUTH CAROLINA COLUMBIA SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE SITE 01	66	.012	.000	.000	.000	.003
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE CHATTANOOGA SITE 01	66	.013	.009	.007	.017	.011
	67	.017	.000	.009	.018	.011
KNOXVILLE SITE 01	67	.006	.004	.000	.000	.003
MEMPHIS SITE 01	66	.000	.000	.000	.008	.002
	67	.000	.000	.000	.000	.000
NASHVILLE SITE 01	66	.007	.006	.006	.007	.006
	67	.007	.013	.000	.000	.005
TEXAS DALLAS SITE 01	66	.000	.008	.000	.000	.002
HOUSTON SITE 01	66	.011	.000	.011	.009	.008
	67	.012	.000	.010	.000	.005
PASADENA SITE 01	67	.000	.033	.006	.000	.010
SAN ANTONIO SITE 01	66	.000	.008	.000	.000	.002
	67	.000	.000	.000	.000	.000
UTAH OGDEN SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY SITE 01	66	.000	.000	.006	.000	.001
	67	.010	.007	.000	.000	.004
VERMONT BURLINGTON SITE 01	66	.017	.030	.032	.031	.027
VIRGINIA DANVILLE SITE 01	66	.013	.000	.008	.000	.005
HAMPTON SITE 01	67	.012	.013	.006	.000	.008
LYNCHBURG SITE 01	67	.007	.006	.000	.000	.003
NORFOLK SITE 01	66	.007	.007	.013	.015	.010
	67	.019	.012	.019	.012	.015
PORTSMOUTH SITE 01	67	.012	.018	.009	.000	.010
RICHMOND SITE 01	67	.019	.012	.007	.012	.012
ROANOKE SITE 01	67	.007	.000	.007	.000	.003
WASHINGTON SEATTLE SITE 01	66	.039	.026	.020	.061	.036
	67	.043	.023	.014	.030	.027
WEST VIRGINIA CHARLESTON SITE 01	66	.019	.010	.013	.010	.013
	67	.012	.017	.013	.007	.012
WISCONSIN KENOSHA SITE 01	67	.019	.000	.000	.000	.005
MADISON SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE SITE 01	66	.007	.000	.018	.009	.008
	67	.007	.019	.008	.009	.011
WYOMING CASPER SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-25. NICKEL, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.002	.006	.004	.003	.004
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.005	.004	.003	.004	.004
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.006	.004	.005	.004	.005
	67	.000	.000	.000	.003	.001
COLORADO MESA VERDE NAT PK SITE 01	66	.003	.004	.005	.004	.004
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.019	.006	.009	.018	.013
	67	.008	.005	.004	.008	.006
IDAHO BUTTE COUNTY SITE 01	67	.000	.000	.000	.000	.000
INDIANA MONROE COUNTY SITE 01	66	.006	.003	.012	.004	.006
	67	.000	.000	.002	.002	.001
PARKE COUNTY SITE 01	66	.008	.004	.003	.008	.006
	67	.002	.003	.006	.003	.003
MAINE ACADIA NAT PK SITE 01	66	.009	.007	.007	.006	.007
	67	.033	.016	.014	.025	.022
MARYLAND CALVERT COUNTY SITE 01	66	.005	.006	.004	.007	.006
	67	.022	.012	.012	.007	.013
MISSISSIPPI JACKSON COUNTY SITE 01	66	.012	.014	.007	.003	.009
	67	.006	.000	.009	.002	.004
MISSOURI SHANNON COUNTY SITE 01	66	.003	.000	.003	.002	.001
	67	.000	.000	.000	.000	.000
MONTANA GLACIER NAT PK SITE 01	66	.000	.002	.003	.000	.001
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.009	.002	.000	.001
	67	.002	.000	.002	.002	.001
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.009	.006	.004	.004	.004
	67	.005	.000	.005	.003	.003

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.004	.005	.004	.003	.004
	67	.000	.003	.000	.000	.001
NEW YORK JEFFERSON COUNTY SITE 01	66	.006	.004	.007	.004	.005
	67	.004	.005	.004	.005	.004
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.004	.003	.002	.015	.006
	67	.004	.002	.002	.003	.003
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.004	.003	.004	.005	.004
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.006	.002	.003	.003	.003
	67	.000	.000	.000	.000	.000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.005	.003	.005	.005	.004
	67	.006	.005	.005	.007	.006
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.014	.008	.006	.007	.009
	67	.013	.011	.009	.006	.010
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.003	.003	.000	.003	.002
	67	.006	.004	.000	.010	.005
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.005	.001
TEXAS MATAGORDA COUNTY SITE 01	66	.003	.004	.000	.000	.002
	67	.002	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.008	.008	.005	.007	.007
	67	.012	.010	.004	.011	.009
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.003	.003	.004	.003	.003
	67	.000	.000	.000	.003	.001
WISCONSIN DOOR COUNTY SITE 01	67	.004	.004	.000	.000	.002
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.003	.000	.001
	67	.000	.000	.000	.000	.000

Table 7-26. TIN, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar	2nd quar	3rd quar	4th quar	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GADSDEN SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HUNTSVILLE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOBILE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MONTGOMERY SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALASKA ANCHORAGE SITE 02	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SITE 03	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FAIRBANKS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARIZONA MARICOPA COUNTY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PHOENIX SITE 02	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TUCSON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ARKANSAS LITTLE ROCK SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WEST MEMPHIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALIFORNIA BURBANK SITE 02	66	.001	.002	.004	.001	.002
GLENDALE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LONG BEACH SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOS ANGELES SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OAKLAND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PASADENA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SAN DIEGO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SAN FRANCISCO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COLORADO DENVER SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONNECTICUT HARTFORD SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAVEN SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DELAWARE NEWARK SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WILMINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEORGIA ATLANTA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAWAII HONOLULU SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IDAHO BOISE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ILLINOIS CHICAGO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAST ST LOUIS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ROCKFORD SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SPRINGFIELD SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANA EAST CHICAGO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HAMMOND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INDIANAPOLIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MUNCIE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW ALBANY SITE 02	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH BEND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TERRE HAUTE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IOWA CEDAR RAPIDS SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DAVENPORT SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DES MOINES SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DUBUQUE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KANSAS KANSAS CITY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOPEKA SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WICHITA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KENTUCKY ASHLAND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
COVINGTON SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 7-26 (continued). TIN URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.004	.001	.002	[illegible]	.002
LOUISVILLE SITE 01	66	.001	.000	.013	.013	.003
	67	.004	.005	.003	.000	.003
LOUISIANA NEW ORLEANS SITE 02	66	.001	.003	.003	.001	.001
	67	.005	.006	.003	.001	.003
MARYLAND BALTIMORE SITE 01	66	.013	.005	.003	.005	.006
	67	.010	.007	.003	.002	.005
MICHIGAN DETROIT SITE 01	66	.007	.011	.006	.014	.010
	67	.013	.017	.017	.007	.014
FLINT SITE 01	67	.006	.005	.001	.000	.002
GRAND RAPIDS SITE 01	67	.025	.006	.013	.003	.012
MINNESOTA DULUTH SITE 01	66	.000	.010	.000	.000	.009
MINNEAPOLIS SITE 01	66	.001	.002	.010	.006	.012
	67	.005	.000	.016	.007	.002
MOORHEAD SITE 01	66	.000	.000	.000	.000	.000
ST PAUL SITE 01	66	.013	.000	.011	.010	.011
	67	.002	.010	.001	.000	.002
MISSISSIPPI JACKSON SITE 01	66	.000	.011	.000	.000	.010
MISSOURI KANSAS CITY SITE 01	66	.000	.000	.000	.010	.000
	67	.011	.001	.020	.000	.010
ST LOUIS SITE 01	66	.028	.006	.015	.015	.006
	67	.010	.013	.010	.012	.011
MONTANA HELENA SITE 01	66	.018	.010	.000	.000	.001
	67	.000	.000	.001	.000	.000
NEBRASKA OMAHA SITE 01	66	.010	.006	.003	.018	.017
	67	.006	.007	.018	.000	.006
NEVADA LAS VEGAS SITE 01	66	.000	.000	.000	.000	.010
	67	.000	.000	.000	.000	.000
RENO SITE 01	67	.013	.000	.000	.000	.000
NEW HAMPSHIRE CONCORD SITE 01	66	.000	.000	.001	.003	.001
	67	.003	.001	.002	.000	.002
NEW JERSEY BAYONNE SITE 01	67	.012	.013	.000	.055	.026
BURLINGTON COUNTY SITE 02	66	.012	.001	.063	.000	.018
	67	.012	.007	.007	.001	.007
CAMDEN SITE 01	66	.013	.006	.001	.003	.006
GLASSBORO SITE 01	66	.006	.000	.012	.013	.002
	67	.015	.003	.003	.000	.003

Station location	Year	Concentration, µg/m3 1st quar	2nd quar	3rd quar	4th quar	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66	.017	.006	.014	.011	.006
	67	.015	.003	.013	.003	.008
NEWARK SITE 01	66	.013	.006	.016	.011	.008
	67	.011	.014	.002	.001	.004
PATERSON SITE 01	67	.012	.011	.006	.001	.007
PERTH AMBOY SITE 01	66	.003	.012	.001	.000	.003
	67	.000	.006	.012	.002	.006
TRENTON SITE 01	66	.003	.000	.010	.011	.006
NEW MEXICO ALBUQUERQUE SITE 01	66	.000	.010	.000	.000	.000
	67	.000	.000	.000	.010	.000
NEW YORK NEW YORK CITY SITE 01	66	.000	.000	.017	.008	.006
	67	.007	.010	.018	.006	.010
NORTH CAROLINA CHARLOTTE SITE 01	66	.000	.000	.001	.000	.010
	67	.030	.000	.001	.000	.000
OHIO AKRON SITE 01	66	.011	.002	.003	.011	.007
	67	.013	.006	.007	.000	.005
CINCINNATI SITE 01	66	.002	.013	.010	.011	.008
	67	.016	.003	.012	.002	.008
CLEVELAND SITE 01	66	.013	.006	.005	.008	.007
	67	.016	.001	.007	.006	.008
COLUMBUS SITE 01	66	.000	.000	.002	.000	.000
	67	.030	.000	.001	.000	.000
DAYTON SITE 01	66	.006	.006	.002	.016	.003
	67	.002	.003	.007	.012	.006
TOLEDO SITE 01	66	.001	.003	.001	.008	.003
	67	.000	.000	.011	.000	.004
YOUNGSTOWN SITE 01	66	.001	.010	.010	.003	.006
	67	.007	.006	.006	.012	.006
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA SITE 01	66	.001	.000	.000	.010	.001
	67	.000	.000	.000	.000	.000
OREGON EUGENE SITE 01	67	.000	.000	.002	.000	.000
MEDFORD SITE 01	67	.000	.000	.000	.000	.000
PORTLAND SITE 01	66	.003	.000	.000	.003	.001
	67	.000	.000	.003	.000	.001
PENNSYLVANIA ALLENTOWN SITE 01	67	.000	.006	.003	.000	.003
ALTOONA SITE 01	67	.001	.001	.013	.000	.001
BETHLEHEM SITE 01	67	.002	.010	.001	.000	.003

Table 7-26 (continued). TIN, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.006	.002	.006	.005	.005
	67	.002	.000	.001	.002	.001
PHILADELPHIA						
SITE 01	66	.015	.013	.018	.010	.014
	67	.006	.007	.007	.001	.005
PITTSBURGH						
SITE 01	66	.003	.001	.010	.002	.004
	67	.013	.006	.004	.002	.006
READING						
SITE 01	66	.010	.007	.005	.021	.011
	67	.002	.000	.002	.011	.004
WARMINSTER						
SITE 01	66	.000	.000	.000	.005	.001
	67	.001	.001	.005	.001	.002
WEST CHESTER						
SITE 01	67	.002	.002	.000	.001	.001
YORK						
SITE 01	67	.016	.008	.000	.000	.006
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.001	.000	.000
	67	.001	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.006	.005	.000	.000	.003
PROVIDENCE						
SITE 01	66	.000	.010	.005	.010	.006
	67	.007	.009	.003	.004	.006
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.013	.010	.005	.004
	67	.012	.003	.000	.006	.005
KNOXVILLE						
SITE 01	67	.001	.001	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.001	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.001	.001	.000	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.005	.008	.001	.000	.003
HOUSTON						
SITE 01	66	.004	.000	.003	.014	.005
	67	.014	.000	.000	.007	.005
PASADENA						
SITE 01	67	.004	.016	.000	.000	.005
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.001	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.000	.008	.002
	67	.004	.000	.000	.000	.001
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.001	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.001	.000	.002	.000	.001
HAMPTON						
SITE 01	67	.004	.001	.000	.000	.001
LYNCHBURG						
SITE 01	67	.003	.014	.000	.002	.005
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.002	.000	.000	.001
PORTSMOUTH						
SITE 01	67	.001	.001	.000	.000	.000
RICHMOND						
SITE 01	67	.001	.007	.000	.001	.002
ROANOKE						
SITE 01	67	.006	.003	.002	.000	.003
WASHINGTON						
SEATTLE						
SITE 01	66	.003	.001	.001	.005	.003
	67	.006	.001	.000	.000	.002
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.001	.000	.001	.000	.000
	67	.006	.004	.000	.000	.002
WISCONSIN						
KENOSHA						
SITE 01	67	.006	.004	.001	.003	.003
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.008	.003	.003
	67	.005	.000	.001	.005	.003
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-27. TIN, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.0003	.0011	.0008	.0012	.0008
	67	.0000	.0000	.0000	.0004	.0001
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.0006	.0000	.0010	.0011	.0007
	67	.0000	.0000	.0000	.0003	.0001
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.0011	.0008	.0011	.0006	.0009
	67	.0000	.0010	.0000	.0025	.0009
COLORADO MESA VERDE NAT PK SITE 01	66	.0010	.0003	.0007	.0006	.0006
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE KENT COUNTY SITE 01	66	.0048	.0015	.0042	.0063	.0042
	67	.0022	.0006	.0009	.0021	.0014
IDAHO BUTTE COUNTY SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA MONROE COUNTY SITE 01	66	.0023	.0011	.0012	.0022	.0017
	67	.0000	.0003	.0009	.0009	.0005
PARKE COUNTY SITE 01	66	.0023	.0019	.0014	.0022	.0019
	67	.0003	.0003	.0005	.0010	.0005
MAINE ACADIA NAT PK SITE 01	66	.0015	.0005	.0021	.0024	.0016
	67	.0043	.0036	.0040	.0020	.0035
MARYLAND CALVERT COUNTY SITE 01	66	.0025	.0019	.0023	.0035	.0025
	67	.0009	.0037	.0019	.0034	.0025
MISSISSIPPI JACKSON COUNTY SITE 01	66	.0020	.0014	.0021	.0013	.0017
	67	.0009	.0000	.0000	.0005	.0003
MISSOURI SHANNON COUNTY SITE 01	66	.0003	.0000	.0008	.0009	.0005
	67	.0000	.0008	.0020	.0004	.0008
MONTANA GLACIER NAT PK SITE 01	66	.0010	.0007	.0004	.0004	.0006
	67	.0010	.0000	.0000	.0005	.0004
NEBRASKA THOMAS COUNTY SITE 01	66	.0000	.0000	.0007	.0004	.0003
	67	.0000	.0000	.0000	.0000	.0000
NEVADA WHITE PINE COUNTY SITE 01	66	.0008	.0013	.0004	.0009	.0008
	67	.0006	.0000	.0000	.0003	.0002
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.0016	.0017	.0026	.0032	.0023
	67	.0012	.0005	.0010	.0014	.0010
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.0006	.0006	.0003	.0008	.0006
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK JEFFERSON COUNTY SITE 01	66	.0040	.0022	.0048	.0024	.0033
	67	.0011	.0016	.0013	.0022	.0015
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.0010	.0000	.0007	.0016	.0008
	67	.0000	.0000	.0004	.0007	.0003
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.0000	.0003	.0010	.0009	.0005
	67	.0003	.0000	.0000	.0000	.0001
OREGON CURRY COUNTY SITE 01	66	.0003	.0000	.0000	.0000	.0001
	67	.0000	.0000	.0000	.0006	.0001
PENNSYLVANIA CLARION COUNTY SITE 01	66	.0021	.0012	.0024	.0029	.0021
	67	.0032	.0014	.0027	.0038	.0028
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.0048	.0037	.0018	.0027	.0032
	67	.0020	.0026	.0040	.0032	.0029
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.0000	.0005	.0000	.0000	.0001
	67	.0011	.0007	.0000	.0013	.0008
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0003	.0000	.0000	.0006	.0002
TEXAS MATAGORDA COUNTY SITE 01	66	.0011	.0005	.0003	.0000	.0005
	67	.0004	.0000	.0000	.0000	.0001
VERMONT ORANGE COUNTY SITE 01	66	.0016	.0008	.0006	.0014	.0011
	67	.0019	.0015	.0003	.0011	.0012
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.0011	.0019	.0021	.0015	.0016
	67	.0006	.0003	.0000	.0015	.0006
WISCONSIN DOOR COUNTY SITE 01	67	.0017	.0011	.0012	.0015	.0014
WYOMING YELLOWSTONE PARK SITE 01	66	.0004	.0000	.0009	.0004	.0004
	67	.0005	.0000	.0000	.0004	.0002

Table 7-28. TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, μg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.03	.02	.00	.03	.02
GADSDEN						
SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MOBILE						
SITE 01	66	.01	.03	.03	.03	.02
MONTGOMERY						
SITE 01	67	.00	.00	.00	.00	.00
ALASKA						
ANCHORAGE						
SITE 02	66	.01	.16	.20	.15	.13
SITE 03	67	.00	.15	.07	.04	.06
FAIRBANKS						
SITE 01	67	.00	.08	.24	.13	.11
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.01	.01	.08	.01	.03
	67	.02	.00	.05	.00	.02
PHOENIX						
SITE 02	66	.10	.07	.08	.15	.10
	67	.09	.06	.07	.06	.07
TUCSON						
SITE 01	66	.10	.11	.00	.02	.06
	67	.00	.01	.00	.01	.00
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.01	.08	.00	.00	.02
	67	.00	.00	.02	.01	.01
WEST MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
CALIFORNIA						
BURBANK						
SITE 02	66	.06	.03	.10	.03	.05
GLENDALE						
SITE 01	67	.02	.00	.02	.00	.01
LONG BEACH						
SITE 01	67	.03	.02	.03	.02	.02
LOS ANGELES						
SITE 01	66	.04	.02	.05	.00	.03
	67	.03	.02	.06	.01	.03
OAKLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.01	.00
PASADENA						
SITE 01	66	.03	.02	.10	.02	.04
SAN DIEGO						
SITE 01	66	.01	.00	.00	.02	.01
	67	.00	.00	.00	.00	.00
SAN FRANCISCO						
SITE 01	66	.00	.00	.01	.01	.00
	67	.00	.00	.00	.01	.00
COLORADO						
DENVER						
SITE 01	66	.01	.01	.01	.01	.01
CONNECTICUT						
HARTFORD						
SITE 01	66	.02	.00	.00	.02	.01
NEW HAVEN						
SITE 01	66	.00	.02	.00	.00	.00
	67	.03	.03	.00	.01	.02
DELAWARE						
NEWARK						
SITE 01	66	.01	.02	.03	.00	.01
	67	.02	.02	.02	.01	.02
WILMINGTON						
SITE 01	66	.02	.00	.00	.01	.01
	67	.01	.00	.06	.03	.02
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.02	.00	.01
GEORGIA						
ATLANTA						
SITE 01	66	.04	.03	.03	.00	.02
	67	.04	.10	.04	.02	.05
HAWAII						
HONOLULU						
SITE 01	66	.02	.01	.02	.02	.02
	67	.01	.06	.04	.02	.03
IDAHO						
BOISE						
SITE 01	66	.01	.03	.10	.01	.04
	67	.01	.00	.05	.00	.01
ILLINOIS						
CHICAGO						
SITE 01	66	.02	.00	.01	.00	.01
	67	.02	.02	.02	.03	.02
EAST ST LOUIS						
SITE 01	67	.01	.02	.05	.02	.02
ROCKFORD						
SITE 01	67	.00	.00	.02	.00	.00
SPRINGFIELD						
SITE 01	67	.00	.00	.02	.00	.00
INDIANA						
EAST CHICAGO						
SITE 01	66	.01	.02	.03	.03	.02
	67	.02	.04	.04	.00	.02
HAMMOND						
SITE 01	66	.00	.01	.01	.00	.00
	67	.00	.05	.03	.00	.02
INDIANAPOLIS						
SITE 01	66	.00	.00	.02	.02	.01
	67	.02	.03	.02	.01	.02
MUNCIE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW ALBANY						
SITE 02	67	.01	.00	.00	.02	.01
SOUTH BEND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.02	.01	.00	.01
TERRE HAUTE						
SITE 01	67	.03	.03	.07	.00	.03
IOWA						
CEDAR RAPIDS						
SITE 01	67	.04	.03	.02	.00	.02
DAVENPORT						
SITE 01	66	.00	.00	.00	.00	.00
DES MOINES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.03	.03	.00	.02
DUBUQUE						
SITE 01	66	.00	.00	.02	.01	.01
	67	.03	.02	.03	.00	.02
KANSAS						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
TOPEKA						
SITE 01	67	.00	.00	.00	.00	.00
WICHITA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.00	.00	.01
KENTUCKY						
ASHLAND						
SITE 01	66	.02	.03	.03	.06	.03
COVINGTON						
SITE 01	66	.05	.00	.03	.03	.03
	67	.00	.02	.03	.00	.01

Table 7-28 (continued). TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.00	.02	.02	.01	.01
LOUISVILLE SITE 01	66 67	.00 .07	.03 .03	.03 .03	.04 .00	.02 .03
LOUISIANA NEW ORLEANS SITE 02	66 67	.00 .00	.00 .00	.02 .00	.00 .00	.00 .00
MARYLAND BALTIMORE SITE 01	66 67	.03 .04	.03 .04	.03 .04	.05 .00	.03 .03
MICHIGAN DETROIT SITE 01	66 67	.02 .07	.00 .06	.04 .06	.06 .02	.03 .05
FLINT SITE 01	67	.01	.02	.00	.00	.01
GRAND RAPIDS SITE 01	67	.00	.02	.02	.00	.01
MINNESOTA DULUTH SITE 01	66	.00	.04	.03	.02	.02
MINNEAPOLIS SITE 01	66 67	.01 .04	.02 .01	.00 .01	.00 .00	.01 .01
MOORHEAD SITE 01	66	.00	.00	.00	.00	.00
ST PAUL SITE 01	66 67	.00 .02	.00 .02	.00 .02	.00 .00	.00 .01
MISSISSIPPI JACKSON SITE 01	66	.00	.00	.00	.00	.00
MISSOURI KANSAS CITY SITE 01	66 67	.00 .03	.00 .01	.00 .00	.00 .00	.00 .01
ST LOUIS SITE 01	66 67	.01 .06	.00 .03	.10 .01	.02 .00	.03 .02
MONTANA HELENA SITE 01	66 67	.00 .00	.00 .02	.00 .08	.00 .00	.00 .02
NEBRASKA OMAHA SITE 01	66 67	.00 .00	.00 .02	.00 .00	.00 .00	.00 .00
NEVADA LAS VEGAS SITE 01	66 67	.00 .02	.00 .02	.00 .00	.00 .00	.00 .01
RENO SITE 01	67	.16	.07	.13	.12	[illegible]
NEW HAMPSHIRE CONCORD SITE 01	66 67	.01 .02	.00 .00	.00 .01	.02 .03	.00 .01
NEW JERSEY BAYONNE SITE 01	67	.05	.00	.03	.00	.02
BURLINGTON COUNTY SITE 02	66 67	.00 .06	.00 .02	.00 .05	.00 .01	.00 .03
CAMDEN SITE 01	66	.02	.00	.03	.02	.02
GLASSBORO SITE 01	66 67	.00 .00	.00 .02	.01 .02	.00 .00	.00 .01

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66 67	.00 .03	.00 .11	.01 .03	.00 .00	.00 .04
NEWARK SITE 01	66 67	.00 .03	.01 .02	.03 .05	.03 .00	.02 .00
PATERSON SITE 01	67	.02	.04	.00	.00	.01
PERTH AMBOY SITE 01	66 67	.00 .10	.02 .05	.05 .20	.01 .01	.02 .09
TRENTON SITE 01	66	.00	.00	.00	.00	.00
NEW MEXICO ALBUQUERQUE SITE 01	66 67	.00 .04	.01 .04	.00 .00	.06 .00	.01 .02
NEW YORK NEW YORK CITY SITE 01	66 67	.01 .03	.00 .10	.01 .13	.00 .00	.00 .06
NORTH CAROLINA CHARLOTTE SITE 01	66 67	.02 .06	.16 .12	.01 .06	.10 .01	.07 .03
OHIO AKRON SITE 01	66 67	.00 .06	.01 .06	.03 .07	.03 .00	.00 .06
CINCINNATI SITE 01	66 67	.00 .14	.02 .02	.00 .06	.11 .00	.02 .05
CLEVELAND SITE 01	66 67	.01 .07	.00 .06	.00 .01	.00 .00	.01 .03
COLUMBUS SITE 01	66 67	.01 .00	.00 .01	.02 .02	.00 .00	.01 .01
DAYTON SITE 01	66 67	.02 .07	.03 .00	.00 .02	.03 .06	.02 .06
TOLEDO SITE 01	66 67	.00 .00	.00 .02	.00 .06	.00 .00	.00 .02
YOUNGSTOWN SITE 01	66 67	.02 .06	.05 .11	.11 .03	.02 .00	.06 .05
OKLAHOMA OKLAHOMA CITY SITE 01	66 67	.00 .00	.00 .00	.00 .01	.00 .00	.00 .00
TULSA SITE 01	66 67	.00 .00	.00 .00	.00 .00	.00 .00	.00 .00
OREGON EUGENE SITE 01	67	.00	.02	.18	.00	.06
MEDFORD SITE 01	67	.01	.01	.10	.00	.03
PORTLAND SITE 01	66 67	.01 .00	.00 .06	.06 .14	.00 .01	.02 .06
PENNSYLVANIA ALLENTOWN SITE 01	67	.00	.03	.03	.00	.01
ALTOONA SITE 01	67	.00	.00	.04	.00	.01
BETHLEHEM SITE 01	67	.03	.04	.00	.00	.02

Table 7-28 (continued). TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA LANCASTER SITE 01	66	.02	.00	.01	.00	.01
	67	.03	.00	.00	.00	.01
PHILADELPHIA SITE 01	66	.00	.01	.01	.00	.00
	67	.05	.06	.00	.00	.03
PITTSBURGH SITE 01	66	.02	.02	.03	.02	.02
	67	.06	.10	.03	.03	.05
READING SITE 01	66	.02	.01	.00	.02	.01
	67	.03	.00	.00	.00	.01
WARMINSTER SITE 01	66	.06	.02	.01	.01	.02
	67	.03	.01	.00	.00	.01
WEST CHESTER SITE 01	67	.07	.10	.00	.00	.04
YORK SITE 01	67	.06	.03	.00	.00	.02
PUERTO RICO BAYAMON SITE 01	66	.00	.01	.01	.01	.00
	67	.11	.02	.01	.00	.03
CATANO SITE 01	66	.01	.00	.00	.00	.00
	67	.03	.00	.00	.00	.01
GUAYANILLA SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.00	.00	.00
PONCE SITE 01	66	.06	.00	.03	.06	.04
	67	.10	.04	.03	.02	.05
RHODE ISLAND EAST PROVIDENCE SITE 01	67	.01	.00	.00	.00	.01
PROVIDENCE SITE 01	66	.03	.02	.02	.00	.02
	67	.01	.02	.00	.00	.01
SOUTH CAROLINA COLUMBIA SITE 01	67	.02	.00	.00	.00	.00
GREENVILLE SITE 01	66	.10	.00	.01	.01	.03
SOUTH DAKOTA SIOUX FALLS SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE CHATTANOOGA SITE 01	66	.02	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KNOXVILLE SITE 01	67	.00	.00	.00	.00	.00
MEMPHIS SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE SITE 01	66	.00	.00	.00	.01	.00
	67	.01	.03	.00	.00	.01

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS DALLAS SITE 01	66	.00	.00	.00	.00	.00
HOUSTON SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH OGDEN SITE 01	66	.00	.00	.01	.01	.00
SALT LAKE CITY SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT BURLINGTON SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA DANVILLE SITE 01	66	.03	.00	.03	.00	.01
HAMPTON SITE 01	67	.01	.02	.01	.00	.01
LYNCHBURG SITE 01	67	.00	.00	.00	.00	.00
NORFOLK SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
PORTSMOUTH SITE 01	67	.00	.02	.01	.00	.01
RICHMOND SITE 01	67	.01	.00	.00	.00	.00
ROANOKE SITE 01	67	.00	.00	.00	.00	.00
WASHINGTON SEATTLE SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
WEST VIRGINIA CHARLESTON SITE 01	66	.08	.08	.10	.10	.09
	67	.12	.13	.14	.02	.10
WISCONSIN KENOSHA SITE 01	67	.02	.00	.00	.01	.01
MADISON SITE 01	67	.00	.00	.00	.00	.00
MILWAUKEE SITE 01	66	.01	.00	.03	.01	.01
	67	.00	.08	.01	.01	.02
WYOMING CASPER SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-29. TITANIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.000	.024	.000	.014	.009
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.005	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
COLORADO MESA VERDE NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.027	.000	.012	.017	.014
	67	.010	.000	.000	.014	.006
IDAHO BUTTE COUNTY SITE 01	67	.000	.004	.024	.000	.007
INDIANA MONROE COUNTY SITE 01	66	.000	.000	.000	.004	.001
	67	.005	.000	.000	.000	.001
PARKE COUNTY SITE 01	66	.000	.000	.000	.015	.005
	67	.000	.000	.000	.000	.000
MAINE ACADIA NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND CALVERT COUNTY SITE 01	66	.004	.004	.000	.000	.002
	67	.010	.000	.000	.000	.002
MISSISSIPPI JACKSON COUNTY SITE 01	66	.000	.006	.000	.000	.009
	67	.000	.000	.000	.000	.000
MISSOURI SHANNON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA GLACIER NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.006	.000	.000	.002
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.000	.000	.004	.000	.001
	67	.000	.000	.000	.000	.000
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.000	.013	.000	.000	.003
	67	.000	.000	.000	.000	.000
NEW YORK JEFFERSON COUNTY SITE 01	66	.000	.000	.007	.038	.011
	67	.007	.005	.000	.005	.004
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.018	.000	.000	.004	.005
	67	.008	.007	.000	.000	.004
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.004	.000	.003	.000	.002
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.006	.000	.010	.000	.004
	67	.000	.000	.000	.000	.000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.000	.040	.004	.000	.011
	67	.007	.003	.004	.011	.006
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.000	.016	.009	.000	.006
	67	.000	.006	.016	.000	.005
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.013	.000	.005	.004
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS MATAGORDA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.000	.004	.000	.000	.001
	67	.000	.008	.000	.000	.002
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.000	.004	.008	.000	.003
	67	.000	.000	.000	.009	.002
WISCONSIN DOOR COUNTY SITE 01	67	.000	.000	.000	.000	.000
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-30. VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.000	.001	.000	.000
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.013	.012	.017	.012	.013
MONTGOMERY						
SITE 01	67	.000	.000	.003	.000	.001
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.011	.013	.014	.010
SITE 03	67	.004	.011	.006	.003	.006
FAIRBANKS						
SITE 01	67	.000	.003	.007	.005	.004
ARIZONA						
MARICOPA COUNTY						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
PHOENIX						
SITE 02	66 67	.000 .004	.000 .003	.000 .000	.007 .000	.002 .002
TUCSON						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
ARKANSAS						
LITTLE ROCK						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.038	.011	.012	.000	.015
GLENDALE						
SITE 01	67	.022	.005	.006	.008	.010
LONG BEACH						
SITE 01	67	.057	.017	.014	.016	.026
LOS ANGELES						
SITE 01	66 67	.062 .036	.007 .012	.008 .008	.011 .022	.022 .019
OAKLAND						
SITE 01	66 67	.015 .061	.015 .034	.007 .026	.022 .018	.015 .035
PASADENA						
SITE 01	66	.052	.000	.010	.000	.015
SAN DIEGO						
SITE 01	66 67	.019 .036	.007 .013	.011 .023	.030 .013	.017 .021
SAN FRANCISCO						
SITE 01	66 67	.029 .039	.000 .000	.000 .000	.038 .023	.017 .015
COLORADO						
DENVER						
SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT						
HARTFORD						
SITE 01	66	.230	.071	.036	.320	.164
NEW HAVEN						
SITE 01	66 67	.431 .740	.460 .460	.110 .100	.331 .670	.327 .492
DELAWARE						
NEWARK						
SITE 01	66 67	.078 .027	.034 .070	.057 .030	.044 .056	.053 .046
WILMINGTON						
SITE 01	66 67	.150 .240	.110 .220	.032 .130	.170 .170	.115 .190
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66 67	.230 .200	.065 .130	.069 .100	.130 .230	.118 .165
GEORGIA						
ATLANTA						
SITE 01	66 67	.017 .010	.000 .006	.000 .006	.038 .000	.014 .006
HAWAII						
HONOLULU						
SITE 01	66 67	.059 .018	.013 .026	.020 .000	.019 .018	.028 .015
IDAHO						
BOISE						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
ILLINOIS						
CHICAGO						
SITE 01	66 67	.091 .100	.065 .028	.050 .008	.047 .130	.064 .059
EAST ST LOUIS						
SITE 01	67	.007	.000	.007	.003	.004
ROCKFORD						
SITE 01	67	.016	.000	.005	.006	.006
SPRINGFIELD						
SITE 01	67	.000	.000	.004	.003	.002
INDIANA						
EAST CHICAGO						
SITE 01	66 67	.036 .100	.028 .045	.014 .026	.107 .028	.046 .050
HAMMOND						
SITE 01	66 67	.013 .054	.027 .047	.016 .017	.014 .020	.017 .036
INDIANAPOLIS						
SITE 01	66 67	.013 .010	.000 .030	.008 .014	.016 .010	.009 .016
MUNCIE						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.006	.001
SOUTH BEND						
SITE 01	66 67	.160 .110	.008 .006	.010 .003	.023 .003	.050 .030
TERRE HAUTE						
SITE 01	67	.000	.003	.006	.000	.002
IOWA						
CEDAR RAPIDS						
SITE 01	67	.011	.006	.000	.000	.004
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66 67	.000 .006	.000 .000	.000 .000	.000 .000	.000 .001
DUBUQUE						
SITE 01	66 67	.000 .006	.000 .000	.000 .000	.000 .000	.000 .001
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66 67	.000 .000	.000 .000	.000 .000	.000 .000	.000 .000
KENTUCKY						
ASHLAND						
SITE 01	66	.000	.000	.000	.000	.000
COVINGTON						
SITE 01	66 67	.006 .003	.000 .000	.000 .000	.000 .000	.001 .001

Table 7-30 (continued). VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3 1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	.003	.000	.003	.000	.001
LOUISVILLE SITE 01	66	.000	.000	.000	.007	.002
	67	.032	.003	.003	.001	.009
LOUISIANA NEW ORLEANS SITE 02	66	.006	.010	.006	.016	.009
	67	.017	.022	.041	.056	.034
MARYLAND BALTIMORE SITE 01	66	.340	.220	.110	.350	.255
	67	.350	.190	.130	.130	.200
MICHIGAN DETROIT SITE 01	66	.006	.007	.007	.000	.005
	67	.016	.015	.008	.007	.011
FLINT SITE 01	67	.003	.003	.000	.000	.001
GRAND RAPIDS SITE 01	67	.003	.000	.000	.000	.001
MINNESOTA DULUTH SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS SITE 01	66	.015	.000	.000	.005	.005
	67	.018	.003	.003	.000	.006
MOORHEAD SITE 01	66	.000	.000	.000	.000	.000
ST PAUL SITE 01	66	.014	.000	.000	.006	.005
	67	.077	.004	.000	.016	.024
MISSISSIPPI JACKSON SITE 01	66	.000	.000	.000	.000	.000
MISSOURI KANSAS CITY SITE 01	66	.013	.000	.000	.000	.003
	67	.022	.003	.000	.003	.007
ST LOUIS SITE 01	66	.019	.000	.010	.007	.009
	67	.025	.006	.000	.004	.009
MONTANA HELENA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA OMAHA SITE 01	66	.000	.000	.000	.000	.000
	67	.004	.000	.000	.000	.001
NEVADA LAS VEGAS SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO SITE 01	67	.065	.022	.037	.018	.036
NEW HAMPSHIRE CONCORD SITE 01	66	.100	.029	.067	.097	.073
	67	.360	.072	.051	.092	.144
NEW JERSEY BAYONNE SITE 01	67	.990	.220	.330	.240	.445
BURLINGTON COUNTY SITE 02	66	.110	.036	.039	.027	.052
	67	.240	.074	.100	.036	.112
CAMDEN SITE 01	66	.280	.090	.150	.150	.167
GLASSBORO SITE 01	66	.052	.020	.038	.041	.039
	67	.058	.063	.070	.017	.052

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY JERSEY CITY SITE 01	66	.330	.160	.260	.300	.262
	67	.440	1.100	.230	.180	.487
NEWARK SITE 01	66	.340	.150	.230	.310	.257
	67	.620	.340	.260	.160	.345
PATERSON SITE 01	67	.710	1.200	.140	.200	.562
PERTH AMBOY SITE 01	66	.210	.150	.260	.190	.202
	67	.960	.310	.300	.092	.390
TRENTON SITE 01	66	.130	.150	.074	.086	.110
NEW MEXICO ALBUQUERQUE SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK NEW YORK CITY SITE 01	66	.610	.250	.290	.400	.387
	67	.880	1.400	1.000	.340	.905
NORTH CAROLINA CHARLOTTE SITE 01	66	.024	.000	.008	.037	.019
	67	.034	.006	.017	.016	.018
OHIO AKRON SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.006	.013	.000	.006
CINCINNATI SITE 01	66	.000	.004	.000	.000	.001
	67	.021	.004	.006	.000	.008
CLEVELAND SITE 01	66	.000	.000	.000	.000	.000
	67	.007	.007	.000	.000	.003
COLUMBUS SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
DAYTON SITE 01	66	.003	.006	.000	.000	.002
	67	.013	.014	.004	.007	.009
TOLEDO SITE 01	66	.000	.003	.000	.000	.001
	67	.005	.006	.011	.000	.005
YOUNGSTOWN SITE 01	66	.000	.006	.008	.003	.004
	67	.006	.008	.004	.000	.004
OKLAHOMA OKLAHOMA CITY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON EUGENE SITE 01	67	.004	.006	.013	.000	.006
MEDFORD SITE 01	67	.003	.000	.003	.000	.001
PORTLAND SITE 01	66	.033	.027	.027	.042	.033
	67	.023	.050	.053	.025	.038
PENNSYLVANIA ALLENTOWN SITE 01	67	.100	.120	.071	.027	.079
ALTOONA SITE 01	67	.004	.004	.012	.000	.005
BETHLEHEM SITE 01	67	.130	.090	.014	.018	.063

Table 7-30 (continued). VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3 1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.056	.023	.035	.063	.044
	67	.091	.037	.017	.021	.041
PHILADELPHIA						
SITE 01	66	.200	.088	.095	.150	.133
	67	.430	.410	.076	.140	.264
PITTSBURGH						
SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.012	.012	.034	.016
READING						
SITE 01	66	.160	.055	.035	.120	.092
	67	.210	.053	.019	.044	.081
WARMINSTER						
SITE 01	66	.280	.038	.024	.036	.094
	67	.240	.070	.030	.054	.098
WEST CHESTER						
SITE 01	67	.073	.110	.015	.032	.057
YORK						
SITE 01	67	.210	.093	.041	.110	.113
PUERTO RICO						
BAYAMON						
SITE 01	66	.094	.057	.069	.030	.062
	67	.310	.074	.100	.044	.132
CATANO						
SITE 01	66	.130	.065	.042	.032	.067
	67	.100	.036	.069	.020	.056
GUAYANILLA						
SITE 01	66	.011	.000	.011	.017	.010
	67	.027	.100	.013	.013	.038
PONCE						
SITE 01	66	.016	.000	.014	.024	.013
	67	.021	.016	.008	.006	.013
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.180	.120	.062	.064	.106
PROVIDENCE						
SITE 01	66	.750	.290	.055	.270	.341
	67	.350	.350	.076	.310	.271
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.017	.003	.000	.005	.006
GREENVILLE						
SITE 01	66	.036	.003	.000	.006	.011
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.008	.000	.000	.008	.006
	67	.010	.000	.000	.008	.004
KNOXVILLE						
SITE 01	67	.008	.000	.000	.000	.002
MEMPHIS						
SITE 01	66	.020	.060	.000	.000	.020
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.010	.000	.003
	67	.004	.003	.000	.000	.002

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.005	.003	.002
	67	.010	.004	.003	.000	.004
VERMONT						
BURLINGTON						
SITE 01	66	.000	.095	.100	.120	.079
VIRGINIA						
DANVILLE						
SITE 01	66	.014	.000	.006	.015	.009
HAMPTON						
SITE 01	67	.035	.051	.011	.016	.028
LYNCHBURG						
SITE 01	67	.019	.000	.004	.006	.007
NORFOLK						
SITE 01	66	.037	.027	.016	.050	.032
	67	.068	.050	.052	.034	.051
PORTSMOUTH						
SITE 01	67	.036	.068	.021	.012	.034
RICHMOND						
SITE 01	67	.051	.037	.022	.069	.047
ROANOKE						
SITE 01	67	.006	.008	.010	.022	.011
WASHINGTON						
SEATTLE						
SITE 01	66	.033	.015	.011	.055	.029
	67	.030	.024	.013	.023	.022
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.016	.013	.014	.014	.014
	67	.011	.023	.023	.006	.016
WISCONSIN						
KENOSHA						
SITE 01	67	.006	.000	.000	.005	.003
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.004	.003	.002
	67	.005	.008	.003	.004	.005
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-31. VANADIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS MONTGOMERY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA HUMBOLDT COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.001	.000
COLORADO MESA VERDE NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE KENT COUNTY SITE 01	66	.057	.012	.022	.042	.033
	67	.034	.014	.015	.035	.024
IDAHO BUTTE COUNTY SITE 01	67	.000	.000	.000	.000	.000
INDIANA MONROE COUNTY SITE 01	66	.000	.000	.000	.002	.000
	67	.001	.001	.000	.002	.001
PARKE COUNTY SITE 01	66	.000	.000	.000	.003	.001
	67	.001	.000	.000	.001	.000
MAINE ACADIA NAT PK SITE 01	66	.014	.010	.011	.013	.012
	67	.032	.037	.040	.009	.029
MARYLAND CALVERT COUNTY SITE 01	66	.048	.019	.004	.029	.025
	67	.110	.026	.003	.038	.044
MISSISSIPPI JACKSON COUNTY SITE 01	66	.005	.003	.003	.000	.003
	67	.004	.003	.004	.003	.003
MISSOURI SHANNON COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.003	.000	.001
MONTANA GLACIER NAT PK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA THOMAS COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA WHITE PINE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE COOS COUNTY SITE 01	66	.007	.006	.007	.020	.010
	67	.012	.005	.005	.009	.008
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.001	.000
NEW YORK JEFFERSON COUNTY SITE 01	66	.011	.006	.004	.006	.007
	67	.011	.011	.000	.014	.009
NORTH CAROLINA CAPE HATTERAS SITE 01	66	.006	.006	.004	.007	.006
	67	.005	.005	.005	.006	.005
OKLAHOMA CHEROKEE COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON CURRY COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.000	.000
PENNSYLVANIA CLARION COUNTY SITE 01	66	.002	.002	.000	.002	.001
	67	.002	.002	.002	.002	.002
RHODE ISLAND WASHINGTON COUNTY SITE 01	66	.061	.027	.008	.031	.032
	67	.064	.058	.037	.035	.048
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66	.005	.003	.000	.002	.002
	67	.006	.005	.000	.005	.004
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.011	.003
TEXAS MATAGORDA COUNTY SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT ORANGE COUNTY SITE 01	66	.037	.036	.005	.038	.029
	67	.100	.049	.009	.100	.064
VIRGINIA SHENANDOAH NAT PK SITE 01	66	.000	.000	.002	.004	.001
	67	.002	.002	.001	.005	.002
WISCONSIN DOOR COUNTY SITE 01	67	.001	.002	.000	.000	.001
WYOMING YELLOWSTONE PARK SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-32. ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA BIRMINGHAM SITE 01	66	1.8	1.0	1.4	1.7	1.5
GADSDEN SITE 01	66	.0	.0	.4	.3	.2
HUNTSVILLE SITE 01	67	.0	.0	.0	.0	.0
MOBILE SITE 01	66	.2	.4	.2	.4	.3
MONTGOMERY SITE 01	67	.0	.0	.0	.0	.0
ALASKA ANCHORAGE SITE 02	66	.0	.0	.0	.0	.0
SITE 03	67	.0	.0	.0	.0	.0
FAIRBANKS SITE 01	67	.0	.0	.0	.0	.0
ARIZONA MARICOPA COUNTY SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
PHOENIX SITE 02	66 67	.2 .0	.2 .0	.2 .0	.3 .0	.2 .0
TUCSON SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
ARKANSAS LITTLE ROCK SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
WEST MEMPHIS SITE 01	66	.0	.0	.0	.0	.0
CALIFORNIA BURBANK SITE 02	66	.0	.0	.3	.0	.1
GLENDALE SITE 01	67	.0	.0	.0	.0	.0
LONG BEACH SITE 01	67	.2	.0	.1	.0	.1
LOS ANGELES SITE 01	66 67	.8 .0	.0 .0	.6 .0	.0 .1	.3 .0
OAKLAND SITE 01	66 67	.2 .3	.0 .2	.0 .2	.6 1.0	.2 .4
PASADENA SITE 01	66	.0	.0	.1	.0	.0
SAN DIEGO SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
SAN FRANCISCO SITE 01	66 67	.4 .0	.0 .0	.3 .0	.5 .0	.3 .0
COLORADO DENVER SITE 01	66	.0	.0	.2	.2	.1
CONNECTICUT HARTFORD SITE 01	66	.6	.2	.1	.7	.4
NEW HAVEN SITE 01	66 67	.4 .3	.4 .1	.0 .0	.2 .1	.2 .1
DELAWARE NEWARK SITE 01	66 67	.7 .6	.0 .0	.5 .0	.3 .0	.4 .1
WILMINGTON SITE 01	66 67	.1 .5	.3 .0	.0 .1	.4 .4	.2 .2

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA WASHINGTON SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
GEORGIA ATLANTA SITE 01	66 67	.6 .0	.4 1.9	.4 .7	.0 .0	.3 .6
HAWAII HONOLULU SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
IDAHO BOISE SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
ILLINOIS CHICAGO SITE 01	66 67	.9 1.2	.7 .7	1.8 1.9	3.6 .8	1.7 1.1
EAST ST LOUIS SITE 01	67	.0	.6	1.1	1.0	.7
ROCKFORD SITE 01	67	.2	.0	1.2	.0	.3
SPRINGFIELD SITE 01	67	.0	.0	.1	.0	.0
INDIANA EAST CHICAGO SITE 01	66 67	1.2 .7	.9 1.0	1.4 1.3	3.7 1.1	1.8 1.0
HAMMOND SITE 01	66 67	.0 .6	.9 1.2	1.3 1.2	.0 .0	.5 .7
INDIANAPOLIS SITE 01	66 67	.0 .0	.2 .2	.6 .6	.6 .3	.3 .3
MUNCIE SITE 01	66 67	.0 .0	.4 .0	.3 .0	.2 .0	.2 .0
NEW ALBANY SITE 02	67	.0	.0	.0	.0	.0
SOUTH BEND SITE 01	66 67	.6 .0	.3 .3	.1 .0	.6 .5	.4 .2
TERRE HAUTE SITE 01	67	.0	.1	.0	.0	.0
IOWA CEDAR RAPIDS SITE 01	67	.0	.0	.1	.0	.0
DAVENPORT SITE 01	66	.0	.0	.0	.0	.0
DES MOINES SITE 01	66 67	.0 .0	.0 .0	.0 .0	.0 .0	.0 .0
DUBUQUE SITE 01	66 67	.0 .5	3.5 .7	.9 .6	.2 .0	1.1 .4
KANSAS KANSAS CITY SITE 01	66	.0	.0	.0	.0	.0
TOPEKA SITE 01	67	.0	.0	.1	.0	.0
WICHITA SITE 01	66 67	.4 .3	.0 .0	.3 .2	.4 .2	.3 .2
KENTUCKY ASHLAND SITE 01	66	.0	.3	.8	.5	.4
COVINGTON SITE 01	66 67	.9 .0	.6 .2	2.0 .6	1.3 .5	1.2 .3

Table 7-32 (continued). ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY LEXINGTON SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOUISVILLE SITE 01	66	.2	1.2	.1	.8	.6
	67	.8	.6	.6	[illegible]	.6
LOUISIANA NEW ORLEANS SITE 02	66	[illegible]	.3	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MARYLAND BALTIMORE SITE 01	66	.8	.2	.9	[illegible]	[illegible]
	67	.6	.9	[illegible]	.1	[illegible]
MICHIGAN DETROIT SITE 01	66	[illegible]	.3	[illegible]	.6	[illegible]
	67	.8	1.2	.8	.6	.8
FLINT SITE 01	67	.1	[illegible]	[illegible]	[illegible]	[illegible]
GRAND RAPIDS SITE 01	67	1.4	.8	[illegible]	1.6	1.5
MINNESOTA DULUTH SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINNEAPOLIS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MOORHEAD SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ST PAUL SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	.7	[illegible]	.1
MISSISSIPPI JACKSON SITE 01	66	[illegible]	[illegible]	1.7	.3	.4
MISSOURI KANSAS CITY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	.7	.7	[illegible]	[illegible]
ST LOUIS SITE 01	66	1.0	.6	[illegible]	[illegible]	1.1
	67	.4	.4	.6	.5	.5
MONTANA HELENA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEBRASKA OMAHA SITE 01	66	[illegible]	.2	[illegible]	[illegible]	[illegible]
	67	[illegible]	.5	.2	[illegible]	.2
NEVADA LAS VEGAS SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RENO SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW HAMPSHIRE CONCORD SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	.2	[illegible]	[illegible]	[illegible]	[illegible]
NEW JERSEY BAYONNE SITE 01	67	1.1	.3	.3	.1	.4
BURLINGTON COUNTY SITE 02	66	.8	.3	.6	.3	.3
	67	.6	.3	[illegible]	[illegible]	.4
CAMDEN SITE 01	66	.7	[illegible]	[illegible]	[illegible]	.8
GLASSBORO SITE 01	66	.3	[illegible]	.1	.2	.1
	67	.1	.2	[illegible]	[illegible]	.1
NEW JERSEY JERSEY CITY SITE 01	66	.1	.8	.4	.4	.8
	67	.4	1.1	.7	[illegible]	.4
NEWARK SITE 01	66	.8	[illegible]	.4	.9	.4
	67	1.4	.8	[illegible]	[illegible]	.8
PATERSON SITE 01	67	.8	.8	[illegible]	[illegible]	.7
PERTH AMBOY SITE 01	66	.7	.2	[illegible]	[illegible]	.8
	67	1.4	.3	.3	[illegible]	.4
TRENTON SITE 01	66	.3	[illegible]	.7	1.1	.4
NEW MEXICO ALBUQUERQUE SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NEW YORK NEW YORK CITY SITE 01	66	[illegible]	.4	.7	.7	.7
	67	.4	.7	.6	[illegible]	.8
NORTH CAROLINA CHARLOTTE SITE 01	66	[illegible]	[illegible]	[illegible]	.8	.7
	67	[illegible]	[illegible]	.6	[illegible]	.1
OHIO AKRON SITE 01	66	[illegible]	.6	.3	.8	.6
	67	.8	.7	.1	[illegible]	.1
CINCINNATI SITE 01	66	.8	[illegible]	1.4	1.7	1.7
	67	.8	[illegible]	[illegible]	1.1	.8
CLEVELAND SITE 01	66	.7	.1	.3	.7	.4
	67	.7	.7	.7	.2	.4
COLUMBUS SITE 01	66	[illegible]	[illegible]	.2	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DAYTON SITE 01	66	.7	.6	[illegible]	[illegible]	.2
	67	.6	.8	.8	.6	[illegible]
TOLEDO SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	.1
YOUNGSTOWN SITE 01	66	.6	.1	1.5	[illegible]	.5
	67	.6	1.6	.7	[illegible]	.7
OKLAHOMA OKLAHOMA CITY SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TULSA SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OREGON EUGENE SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEDFORD SITE 01	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PORTLAND SITE 01	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67	[illegible]	.8	[illegible]	[illegible]	.7
PENNSYLVANIA ALLENTOWN SITE 01	67	1.1	1.2	.8	[illegible]	.8
ALTOONA SITE 01	67	.3	.7	.4	[illegible]	.7
BETHLEHEM SITE 01	67	.8	[illegible]	[illegible]	.6	.8

Table 7-32 (continued). ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.2	.0	.8	.7	.4
	67	1.0	1.0	.1	.5	.6
PHILADELPHIA						
SITE 01	66	1.7	1.5	.8	1.5	1.4
	67	1.6	.8	.5	1.0	1.0
PITTSBURGH						
SITE 01	66	.0	.7	1.0	.5	.8
	67	.6	.4	.4	.2	.3
READING						
SITE 01	66	1.0	.6	.7	1.6	1.0
	67	.8	.3	.3	.1	.4
WARMINSTER						
SITE 01	66	.8	.3	.4	.2	.4
	67	.3	.3	.1	.0	.2
WEST CHESTER						
SITE 01	67	.6	.1	.0	.0	.2
YORK						
SITE 01	67	.3	.0	.0	.0	.1
PUERTO RICO						
BAYAMON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
CATANO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
GUAYANILLA						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
PONCE						
SITE 01	66	.1	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.3	.0	.0	.0	.1
PROVIDENCE						
SITE 01	66	.0	.6	.0	.0	.1
	67	.2	.0	.0	.0	.0
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.3	.5	.0	.0	.2
GREENVILLE						
SITE 01	66	.0	.0	.0	.0	.0
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.0	.0	.0	.0	.0
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.1	.2	.8	.6	.3
	67	1.2	.3	.0	.3	.4
KNOXVILLE						
SITE 01	67	.1	.1	.0	.0	.0
MEMPHIS						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
NASHVILLE						
SITE 01	66	.0	.0	.2	.0	.0
	67	.0	.0	.0	.0	.0

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.0	.1	.0	.0	.0
HOUSTON						
SITE 01	66	.0	.0	.0	.3	.1
	67	.3	.0	.0	.0	.1
PASADENA						
SITE 01	67	.1	.0	.0	.0	.0
SAN ANTONIO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
UTAH						
OGDEN						
SITE 01	66	.0	.0	.0	.0	.0
SALT LAKE CITY						
SITE 01	66	.0	.0	.0	.0	.1
	67	.1	.0	.0	.0	.0
VERMONT						
BURLINGTON						
SITE 01	66	.0	.0	.0	.0	.0
VIRGINIA						
DANVILLE						
SITE 01	66	.0	.0	.0	.0	.0
HAMPTON						
SITE 01	67	.2	.0	.0	.0	.0
LYNCHBURG						
SITE 01	67	.8	2.0	.6	.6	1.1
NORFOLK						
SITE 01	66	.0	.0	.0	.0	.0
	67	.1	.0	.0	.0	.0
PORTSMOUTH						
SITE 01	67	.0	.2	.0	.0	.0
RICHMOND						
SITE 01	67	.1	.0	.0	.0	.0
ROANOKE						
SITE 01	67	1.1	.2	1.2	.8	.6
WASHINGTON						
SEATTLE						
SITE 01	66	.2	.6	.0	.1	.2
	67	.0	.0	.0	.0	.0
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.1	.0	.0	.0
WISCONSIN						
KENOSHA						
SITE 01	67	.6	.8	.0	.4	.4
MADISON						
SITE 01	67	.0	.0	.0	.0	.0
MILWAUKEE						
SITE 01	66	.0	.0	.6	.0	.2
	67	.0	1.1	.0	.0	.3
WYOMING						
CASPER						
SITE 01	67	.0	.0	.0	.0	.0
CHEYENNE						
SITE 01	66	.0	.0	.1	.0	.0
	67	.0	.0	.0	.0	.0

Table 7-33. ZINC, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	66 67	.28 .00	.05 .00	.10 .00	.38 .19	.34 .05
ARKANSAS MONTGOMERY COUNTY SITE 01	66 67	.22 .00	.00 .00	.00 .00	.04 .08	.06 .02
CALIFORNIA HUMBOLDT COUNTY SITE 01	66 67	.27 .00	.13 .00	.10 .20	.07 .18	.14 .04
COLORADO MESA VERDE NAT PK SITE 01	66 67	.20 .00	.30 .00	.17 .33	.06 .18	.11 .04
DELAWARE KENT COUNTY SITE 01	66 67	.19 .00	.13 .00	.11 .30	.01 .31	.23 .08
IDAHO BUTTE COUNTY SITE 01	67	.00	.00	.30	.39	.21
INDIANA MONROE COUNTY SITE 01	66 67	.44 .00	.30 .00	.10 .00	.27 .00	.19 .00
PARKE COUNTY SITE 01	66 67	.20 .13	.10 .40	.12 .00	.33 .11	.18 .17
MAINE ACADIA NAT PK SITE 01	66 67	.00 .00	.10 .00	.11 .00	.00 .22	.05 .05
MARYLAND CALVERT COUNTY SITE 01	66 67	.14 .00	.20 .33	.14 .30	.33 .18	.18 .16
MISSISSIPPI JACKSON COUNTY SITE 01	66 67	.11 .00	.20 .00	.30 .33	.39 .13	.25 .11
MISSOURI SHANNON COUNTY SITE 01	66 67	.33 .00	.30 .00	.33 .30	.23 .39	.30 .12
MONTANA GLACIER NAT PK SITE 01	66 67	.30 .00	.02 .10	.00 .30	.08 .16	.11 .14
NEBRASKA THOMAS COUNTY SITE 01	66 67	.00 .03	.00 .03	.00 .30	.00 .05	.00 .01
NEVADA WHITE PINE COUNTY SITE 01	66 67	.18 .00	.16 .00	.07 .00	.33 .04	.36 .21
NEW HAMPSHIRE COOS COUNTY SITE 01	66 67	.24 .05	.11 .33	.40 .11	.15 .28	.28 .18
NEW MEXICO RIO ARRIBA COUNTY SITE 01	66 67	.00 .00	.00 .00	.00 .00	.17 .10	.04 .02
NEW YORK JEFFERSON COUNTY SITE 01	66 67	.36 .09	.11 .00	.24 .00	.01 .22	.12 .05
NORTH CAROLINA CAPE HATTERAS SITE 01	66 67	.00 .00	.00 .00	.11 .00	.36 .07	.12 .02
OKLAHOMA CHEROKEE COUNTY SITE 01	66 67	.00 .00	.00 .00	.34 .04	.10 .00	.03 .01
OREGON CURRY COUNTY SITE 01	66 67	.03 .07	.00 .00	.04 .00	.00 .27	.01 .08
PENNSYLVANIA CLARION COUNTY SITE 01	66 67	.00 .24	.00 .46	.30 .19	.06 .44	.03 .33
RHODE ISLAND WASHINGTON COUNTY SITE 01	66 67	.20 .07	.22 .16	.00 .16	.00 .26	.10 [illegible]
SOUTH CAROLINA RICHLAND COUNTY SITE 01	66 67	.00 .11	.00 .09	.00 .00	.00 .07	.00 .06
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	66 67	.09 .06	.05 .00	.00 .03	.00 .11	.02 .04
TEXAS MATAGORDA COUNTY SITE 01	66 67	.06 .08	.09 .00	.00 .00	.00 .12	.02 .05
VERMONT ORANGE COUNTY SITE 01	66 67	.00 .13	.00 .08	.00 .00	.00 .00	.00 .05
VIRGINIA SHENANDOAH NAT PK SITE 01	66 67	.00 .08	.41 .07	.32 .00	.11 .13	.21 .07
WISCONSIN DOOR COUNTY SITE 01	67	.35	.22	.11	.00	.17
WYOMING YELLOWSTONE PARK SITE 01	66 67	.00 .27	.00 .00	.05 .00	.00 .08	.01 .09

SECTION 8.

GASEOUS POLLUTANTS AND SOILING INDEX

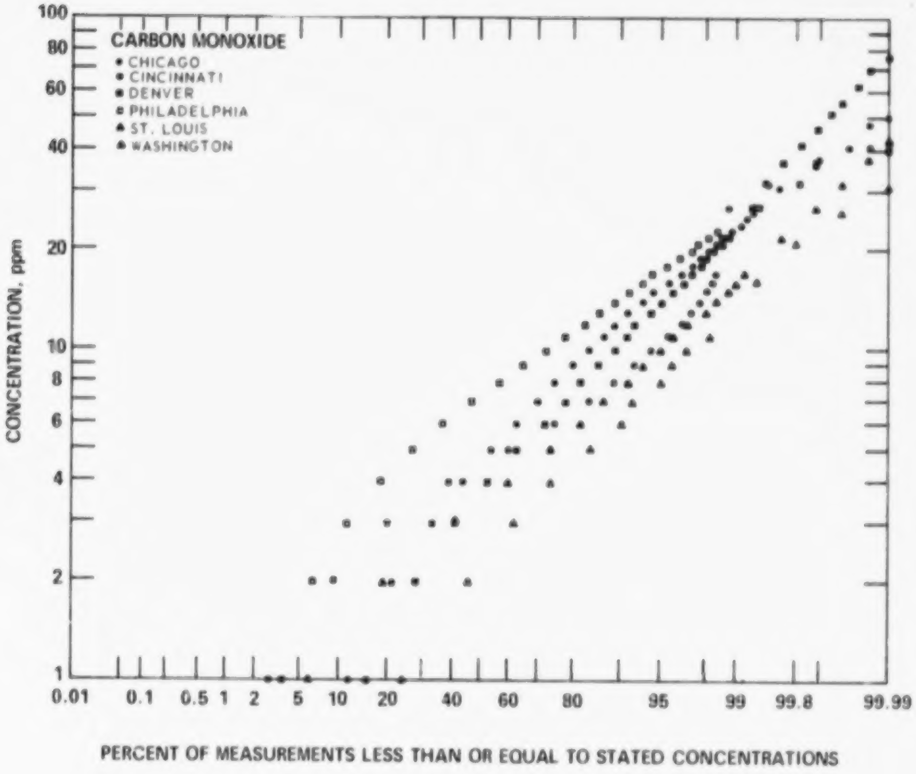

Figure 8-1. Annual frequency distributions of carbon monoxide, CAMP, 1968, 5-minute values.

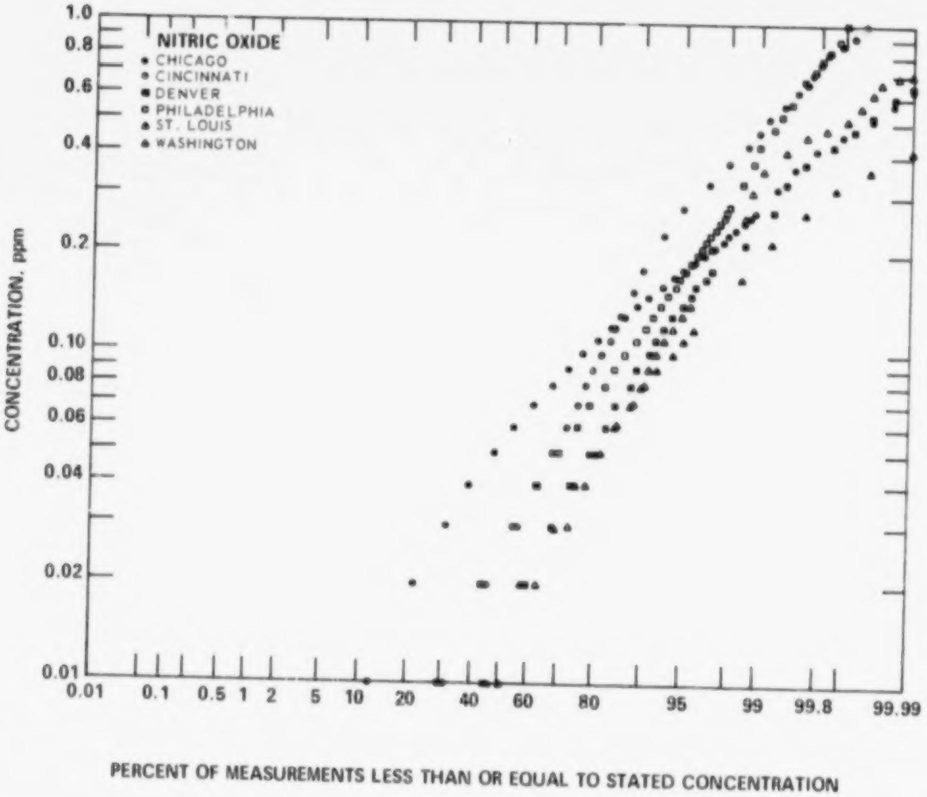

Figure 8-2. Annual frequency distributions of nitric oxide, CAMP, 1968, 5-minute values.

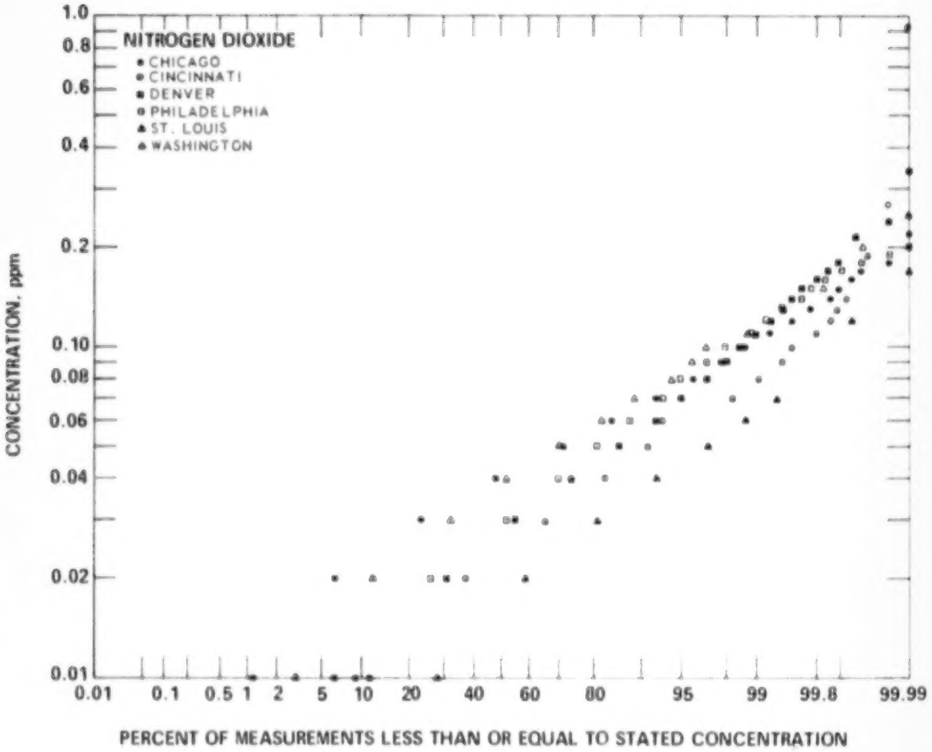

Figure 8-3. Annual frequency distributions of nitrogen dioxide, CAMP, 1968, 5-minute values.

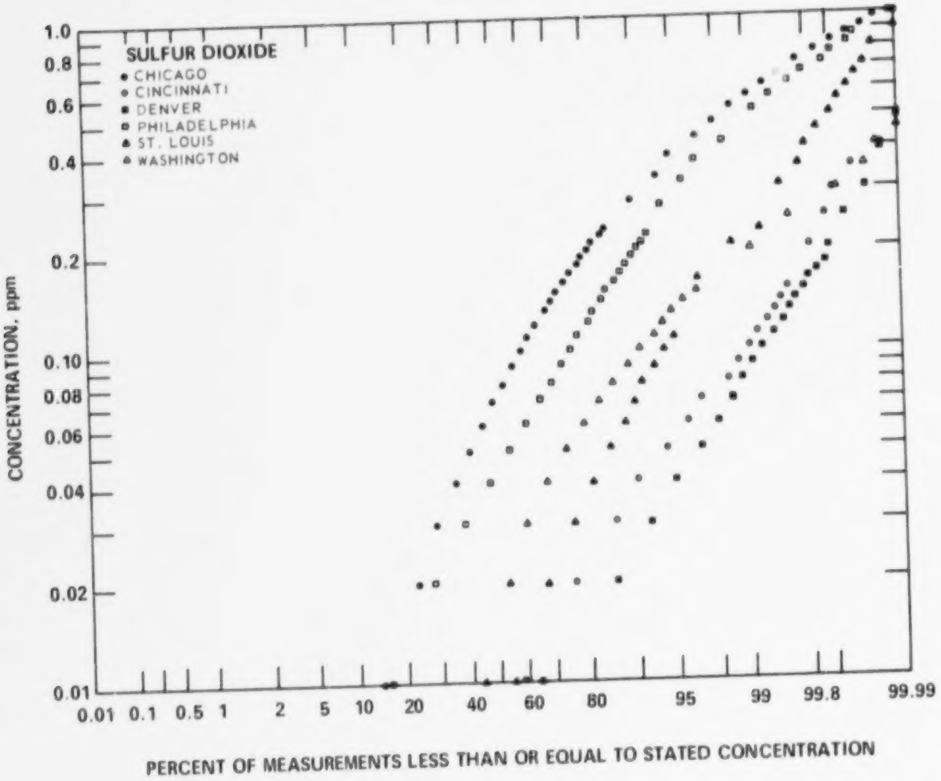

Figure 8-4. Annual frequency distributions of sulfur dioxide, CAMP, 1968, 5-minute values.

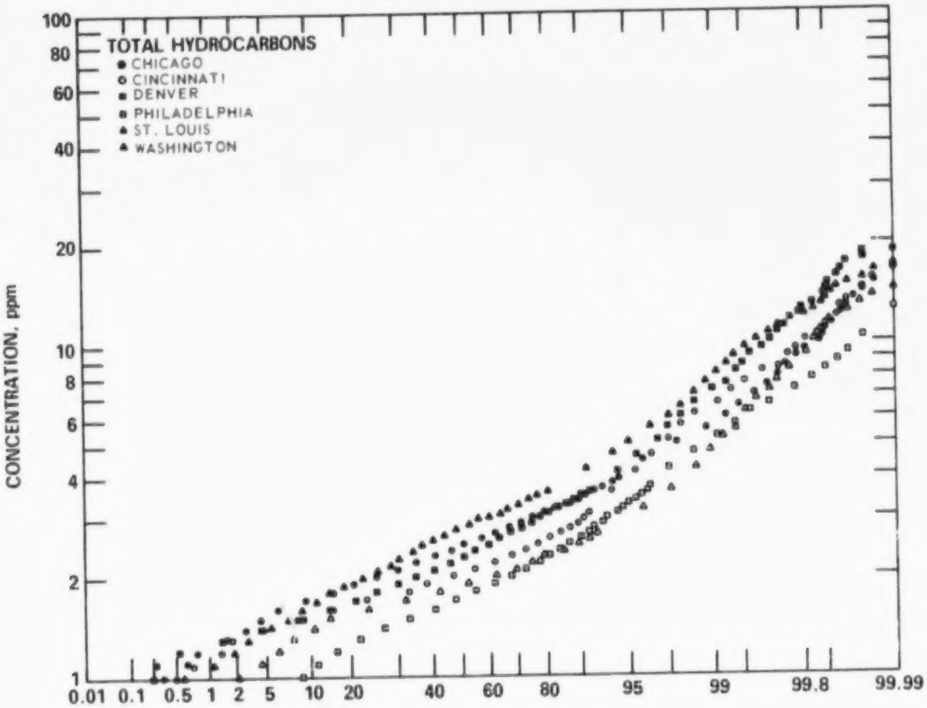

Figure 8-5. Annual frequency distributions of total hydrocarbons, CAMP, 1968, 5-minute values.

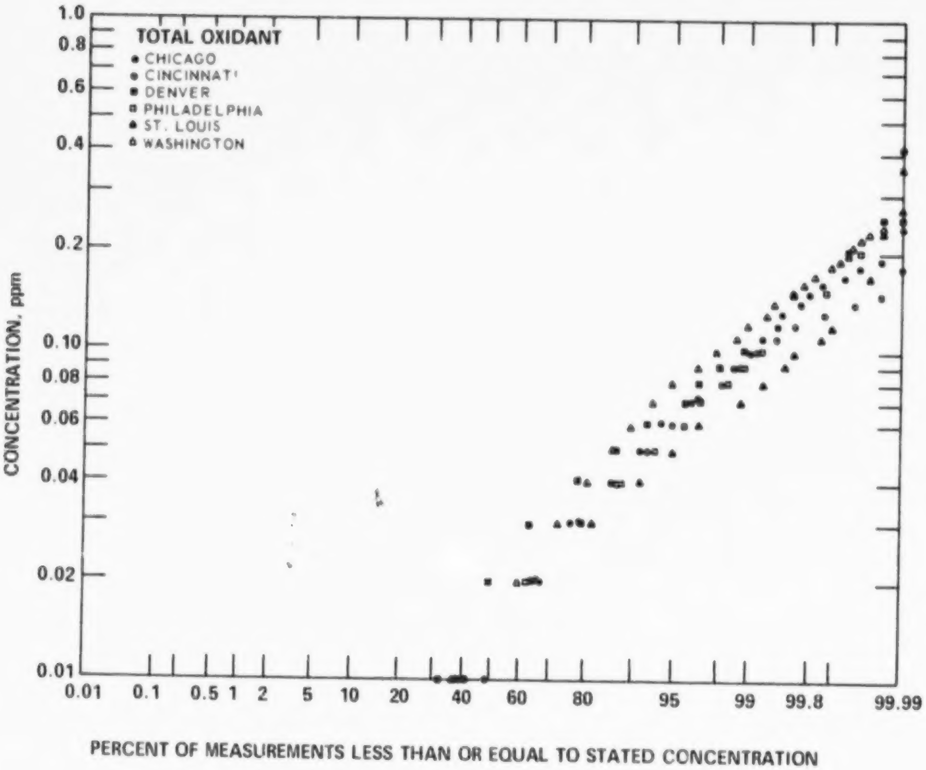

Figure 8-6. Annual frequency distribution of total oxidant, CAMP, 1968, 5-minute values.

Table 8-1. FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS, CAMP, 1968

(5-minute values)

Pollutant, city	Valid data, percent	Concentration, ppm										
		Minimum	Frequency distribution, percentile								Maximum	Arithmetic mean
			10	30	50	70	90	95	98	99		
Carbon monoxide												
Chicago	65	0	1	3	5	7	13	16	20	24	57	6.2
Cincinnati	57	0	3	4	5	6	9	11	15	31	45	5.6
Denver	71	0	1	3	4	6	11	14	19	24	90	5.3
Philadelphia	48	0	3	6	8	10	15	18	22	25	49	8.5
St. Louis	86	0	2	3	4	5	8	10	13	16	47	4.6
Washington, D.C.	82	0	1	2	3	4	6	9	11	14	59	3.3
Nitric oxide												
Chicago	79	0.00	0.01	0.03	0.06	0.09	0.15	0.18	0.23	0.28	0.66	0.071
Cincinnati	34	0.00	0.00	0.01	0.03	0.06	0.18	0.27	0.38	0.46	1.26	0.064
Denver	62	0.00	0.00	0.01	0.02	0.04	0.10	0.14	0.21	0.26	0.68	0.036
Philadelphia	70	0.00	0.00	0.02	0.03	0.05	0.12	0.18	0.28	0.41	1.68	0.054
St. Louis	66	0.00	0.00	0.01	0.02	0.04	0.08	0.11	0.16	0.20	0.44	0.032
Washington, D.C.	71	0.00	0.00	0.01	0.01	0.03	0.08	0.13	0.23	0.33	0.76	0.035
Nitrogen dioxide												
Chicago	78	0.00	0.03	0.04	0.05	0.05	0.07	0.08	0.10	0.11	0.29	0.048
Cincinnati	73	0.00	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	1.19	0.031
Denver	71	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.38	0.036
Philadelphia	77	0.00	0.02	0.03	0.03	0.04	0.07	0.08	0.10	0.12	0.22	0.039
St. Louis	81	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.20	0.023
Washington, D.C.	64	0.00	0.02	0.03	0.04	0.05	0.08	0.09	0.11	0.12	0.26	0.047
Sulfur dioxide												
Chicago	80	0.00	0.01	0.04	0.08	0.14	0.28	0.36	0.48	0.57	1.33	0.117
Cincinnati	76	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	1.49	0.017
Denver	60	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.08	1.81	0.012
Philadelphia	89	0.00	0.01	0.03	0.05	0.08	0.19	0.28	0.40	0.48	1.10	0.080
St. Louis	90	0.00	0.00	0.00	0.01	0.03	0.07	0.11	0.18	0.23	1.35	0.028
Washington, D.C.	74	0.00	0.00	0.00	0.02	0.05	0.10	0.13	0.17	0.20	0.47	0.036
Hydrocarbon												
Chicago	75	0.0	1.9	2.3	2.7	3.2	4.1	4.7	5.6	6.6	17.3	2.90
Cincinnati	81	0.5	1.7	2.0	2.2	2.6	4.0	5.1	6.5	7.4	18.1	2.58
Denver	71	0.0	1.7	2.1	2.5	3.1	4.4	5.4	7.0	8.5	18.7	2.89
Philadelphia	60	0.0	1.3	1.6	1.9	2.3	3.3	4.1	5.1	5.9	13.3	2.14
St. Louis	89	0.4	2.0	2.6	3.1	3.7	5.0	6.0	8.0	9.4	17.1	3.40
Washington, D.C.	82	0.0	1.6	1.8	2.0	2.3	3.0	3.6	4.9	6.0	18.6	2.23
Total Oxidant												
Chicago	55	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.10	0.47	0.023
Cincinnati	26	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.19	0.022
Denver	48	0.00	0.00	0.01	0.03	0.04	0.06	0.07	0.09	0.11	0.43	0.029
Philadelphia	42	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.31	0.022
St. Louis	48	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.37	0.022
Washington, D.C.	59	0.00	0.00	0.01	0.02	0.03	0.06	0.08	0.10	0.12	0.29	0.027

Table 8-2. CARBON MONOXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.8	6.6	5.0	8.7				4.4	2.3	3.2	3.7	
2	6.5	6.5	5.9	6.3			4.9	5.0	5.0	3.8	4.6	8.1
3	4.8	7.4	3.9	4.8	13.1			6.9	8.6	4.7	4.1	5.9
4	5.1	7.6	6.8	5.0			3.0	4.4	7.0	6.5	8.0	4.2
5	4.8	13.0	7.0	6.5				2.9	12.0	6.1	8.4	3.9
6	6.7	6.6	7.7	3.5			5.2	5.8	9.5	2.4	8.9	5.7
7	4.6	7.9	7.2	1.5			3.3	9.2	8.5	4.5	7.4	6.8
8	5.7	4.8	10.2					8.3	5.3	5.7	5.1	6.8
9	4.8	6.8	5.1	6.6				9.5		4.6	5.3	
10	9.2	6.0	3.8	7.3						7.9	4.5	4.3
11	8.4	3.7	5.5	4.1				3.5		8.4	6.3	5.9
12	7.5	6.1	5.8					3.5		9.9	5.5	3.9
13	8.2	5.2	6.3				6.9				5.6	2.4
14	4.2	5.3	4.7				3.3				8.2	3.9
15	8.3	5.6	4.9				4.8			4.3	11.1	3.2
16	9.0	4.6					6.6			7.1	8.7	4.4
17	6.8	4.5					7.4			3.6	3.0	6.3
18	5.7	4.0				10.7	8.4		4.6	3.8	4.0	7.4
19	4.8	7.0	6.0	11.8		11.7	10.7		4.3	3.1	4.4	4.0
20	4.2	7.0	6.3	6.5		11.4	9.7	9.7	7.1	3.0	4.0	4.7
21	3.6	6.5	7.5	7.5		9.2	8.5	8.4	6.4	5.0	4.8	5.5
22	5.5	6.2	7.3			6.2	9.6	7.9	7.2	2.2	7.4	2.8
23	7.2	8.1	4.1				7.9	8.6	7.5	5.3	3.1	4.3
24	4.4	7.6	2.1					5.5	4.9	9.2	2.6	4.4
25	5.4	5.5				9.5		4.4	4.5	9.8	6.2	3.1
26	12.8	6.6	10.1			5.1	10.2	7.2	8.8	5.2	7.5	5.0
27	9.8	4.9	5.3			3.8	7.6	7.8	7.5	3.0	9.0	13.2
28	9.9	16.3	4.1			2.3		12.4	5.7	6.2	5.3	4.4
29			8.7	12.6		0.4		11.5	3.9	6.6	5.0	3.2
30				13.9		0.0		9.6	5.1	9.2	5.6	4.1
31	6.4						2.7	5.3		7.5		2.8
Monthly mean	6.5	6.7	6.1				6.5	7.1	6.5	5.6	5.9	4.9

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	4.4	6.5	11.7	4.9	6.5	5.0		3.5			3.5	7.1
2	5.6	5.3	11.7	5.1	7.5	3.9	5.3	3.7			5.5	5.9
3	4.1	5.4	11.8	4.9		3.4	4.5	3.9			5.5	
4	4.0	4.9		4.5		5.4	8.4	3.6			5.8	8.1
5	6.2	5.7		5.0		7.5		6.4				7.1
6	6.0	10.8	5.4	5.4		9.0		6.4			6.6	6.7
7	5.1	8.0	5.3	5.3	15.6	10.4					6.4	5.8
8	5.2	6.7	5.9	4.3	14.7	8.1					6.2	5.6
9	5.7	6.7	4.6	4.9		5.7	3.9				6.4	
10	6.0	6.5	3.8	4.5		3.5	5.7				6.5	
11	6.7	6.3	4.0	5.5		3.4	5.8				6.1	
12	7.3	6.2	4.1	6.3		2.5	18.4				6.5	
13	7.3	6.0	4.3	6.6		3.6	32.4	2.9			6.5	
14	5.9	4.9	5.4	5.3		4.5	31.7	2.8			7.0	
15	5.8	4.5	5.8	5.7		3.4		2.6			6.1	
16	6.4	4.7		7.1		3.4		2.4			5.7	
17		2.9	6.3	6.1		3.4		2.0			5.0	
18	6.5	3.9	6.6	6.1			3.1	1.9		4.5	4.8	
19	4.8	4.9	5.2	5.8		4.2	3.5	2.2		7.8	4.0	
20	5.1	4.8	5.0	5.5		3.5	3.1	2.2		5.8	3.1	
21	4.8	5.2	5.1	5.1		6.3	2.5	4.0		5.9	2.0	
22	5.8	5.7	4.8	5.6		5.8		3.8		4.0	7.0	
23	5.3	5.6	3.7	4.6		3.6		3.8		5.7	5.2	
24	5.8	5.7	4.2	3.9	5.9	3.4		6.2		7.8	4.8	
25	7.0	4.0	4.8	4.4	6.3	3.6	4.7	4.3		5.9	5.9	
26		7.9	4.8	5.6	7.2	3.7	2.7			6.8	3.9	
27		7.7		5.2	5.9	4.1	3.4			3.7	5.4	
28		7.4	5.0	6.2	4.7		2.3	3.0		4.5	4.8	
29		9.9	5.7	6.0	4.9		3.7			4.0	5.8	
30			6.1	5.8	4.9		3.2			5.5	6.1	
31			4.7		5.7		3.0			7.1		3.7
Monthly mean	5.7	5.9	5.7	5.4		4.7	7.7	3.5			5.5	

Table 8-2 (continued). CARBON MONOXIDE, DAILY AVERAGES, 1968

(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14.1	4.7		4.4	4.4	4.9		3.3		5.3	6.3	3.2
2		6.9		4.5	3.7	4.0		5.5			3.7	4.6
3		7.3		4.5	3.8	4.7	4.8	3.1	5.9	6.1	4.8	4.9
4	12.7	3.6		5.0	3.1	4.6	3.1	2.7	4.6	5.8	8.0	4.5
5	8.4			6.7	2.0	5.3		4.8	3.1	4.7	4.0	7.7
6		4.3		4.0	3.8	3.9		3.6	5.8	4.7	4.1	5.0
7		10.4	4.5	2.0	4.4	7.0		4.1	3.3	8.3	9.3	
8			2.8	5.2	6.4	3.6		4.0	3.3	5.9	6.8	
9	13.2			3.6	5.3	2.8		4.0	7.1	6.2	3.9	
10		7.4		4.8	4.7	5.0	4.0	2.5	5.4	10.1	2.3	16.8
11		3.8		4.9	3.6	6.6	5.2	2.5	5.9	8.0	5.1	5.3
12		4.2	4.0	4.0	4.0	7.6	4.2	4.6	4.9	8.6	4.9	2.9
13		5.2	6.7	2.0	4.2	7.4	2.3	4.5	5.6	4.5	5.3	6.8
14		5.9	2.1	2.3	4.8	5.6	1.5	5.4	3.8	4.7	5.2	14.1
15		7.1	4.0	6.7	4.6	2.4	5.3	5.3	2.5	4.4	9.2	8.5
16		5.0		5.5	5.2	1.2	4.3	4.4	4.2	3.8	3.5	14.4
17		4.5	0.6	5.4	5.5	5.4	3.5	2.8	4.8	2.9	2.4	8.5
18		5.5	2.8	5.8	4.1	4.0	3.9	4.0	7.3		9.0	6.6
19		3.0	3.0	4.5	3.7	5.1	4.2	4.7	5.1		8.4	6.6
20	5.1	5.9	3.3	4.3	5.5	5.3	2.5	4.5	6.4		21.1	5.7
21	6.2	8.9	5.5	2.8	4.8	5.1	1.1	4.6	3.9		11.1	3.7
22	6.9	5.9	7.5	4.5	4.5	3.5			2.9	5.6	5.1	4.0
23	8.8		5.6	4.4	3.9	2.7			7.6		2.4	14.5
24	8.6		4.1	6.1	6.9	3.7			5.6	9.8	4.1	15.0
25	6.3		4.9	4.0	4.4	3.7			7.1	10.2	5.3	5.2
26	5.8			4.4	2.9	5.7		7.4	6.0	3.9	9.2	7.7
27	5.9		4.3	3.4	4.8	6.6		4.4		3.6	7.3	4.9
28	6.1		3.5	2.9	5.1	6.6		4.4		6.4	1.4	4.7
29	8.3		6.7	4.6	6.6				4.7	5.8	7.0	4.2
30	14.7		3.6	4.9	3.6		2.0		7.4	5.4	8.5	5.3
31	7.1		2.5		5.5		1.5			4.1		10.1
Monthly mean	8.6	5.9	4.0	4.4	4.5	4.8	3.3	4.3	5.1	5.9	6.2	7.3

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.5	10.2		1.5	7.4		6.9	10.1				
2	6.1	7.3		5.1	7.3		8.0	10.3				
3	9.8	9.8		7.9	7.9	11.5	7.1	9.2				
4	7.6	9.4		6.6	5.6		8.5	10.7				
5	5.3			4.0	5.4		8.8	9.9				
6	5.9	17.6			7.6	6.5	7.0					
7	2.8	19.4			5.2	5.7	5.4					
8	2.2	7.3		5.0	6.0	3.1	6.0	9.8				
9	6.1	7.0		8.4	5.5	2.8	5.7	8.8				
10	6.6				6.4	3.0	10.2					
11	6.8		14.0		5.0	4.9	11.7	12.8				
12	6.5		10.8	18.4	8.1	7.3						
13	6.7	3.9	8.5		5.5	4.3						
14	4.7	5.6	8.1									
15	5.8	2.9	5.7	9.1								
16	7.0	4.4	6.5		10.3		8.7					
17	12.1		9.2		11.0	4.5	10.0					
18	14.0	4.8	8.0	10.9	10.6		9.6					
19	14.2	7.1		10.4	6.2		9.0					
20	13.6	7.9	5.8		5.4	9.9	6.3					
21	12.7	9.1	5.6	4.8	4.9	12.3	7.1					
22	12.6	12.4	1.8	6.1	7.8	11.9	6.8					
23	13.7	12.3	3.8	5.4	9.8	10.0	6.3					
24	8.0	10.5	7.5	7.4		10.3	7.4					
25	5.2	9.3	7.5	6.1		7.5	10.2					
26	4.9	10.6	5.5	5.7		8.0	12.5					
27	10.1		9.5	6.2	4.2	6.9	11.3					
28	12.7		12.9	6.3	6.4	5.7	8.5					
29	10.5	16.7	10.2	7.1	6.1	6.4	10.1					
30	10.3		10.4	7.3	6.7	7.2	13.1					
31	11.4				6.6							
Monthly mean	8.4	9.3	11.5	7.2	6.9	7.0	8.4					

Table 8-2 (continued). CARBON MONOXIDE, DAILY AVERAGES, 1968

(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.4	3.6	5.0	4.0	3.8	3.0	4.6		5.8	5.4	6.1	4.0
2	7.4	2.9	2.0	5.2	5.0	4.0	3.0		4.4	5.6	5.0	6.6
3	5.2	4.0	4.3	4.4	3.6	4.3	3.5		5.2	4.6	3.6	4.7
4	4.9	3.3	4.0	3.3	3.7	4.1	3.8		5.2	5.9	6.6	6.1
5	7.1	4.4	3.1	3.8	3.5	4.3	3.8	7.4	2.6	4.8	9.2	4.0
6	3.1	4.7	4.1		4.8	4.7	3.7	6.1	3.7	3.9	4.6	6.9
7	3.9	2.1	5.4		4.9	5.4	3.6	5.9	4.2	6.5	3.9	3.6
8	7.5	4.3	5.0		5.2	5.2	5.0	6.0	2.0	5.8	4.2	3.7
9	5.4	4.0	4.4	2.1	3.1	4.6	4.9	3.4	3.1	6.3	4.3	5.5
10	4.5	4.4	2.1	4.1	4.7	5.6	4.1	2.8	3.4	5.5	4.7	6.8
11	5.5	4.7	3.5	4.5	3.0	3.5	5.6	3.8		6.5	3.9	5.8
12	6.1	5.0	3.2	3.8	3.3	2.9	4.8	4.2	7.0	4.8	5.3	3.7
13	4.4	5.9	6.5	3.2	5.0	4.9	2.9	3.2	7.7	3.8	6.4	3.4
14	3.5	6.0	4.9	1.9	4.8	5.5	1.8		6.9	5.8	6.9	3.7
15	5.4	4.6	6.6	4.1	4.0	3.9		6.3	6.2	4.6	4.5	3.9
16	7.6	7.9	5.0	4.2	3.5	2.7	4.2	6.0	7.7	5.6	3.2	8.5
17	8.1	3.7	2.8	4.1	4.3	4.1	5.4	3.4	7.0	4.6	3.3	7.6
18	7.5	3.1	5.9	4.4	3.3	4.5		3.3	6.4	5.2	4.4	7.6
19	7.5	6.3	5.6	4.9	2.8	3.5		7.4	6.5	5.3	4.6	4.2
20	5.6	3.3	2.1	3.1	3.6	3.5		5.6	5.7	4.7	5.9	5.0
21	4.5	4.2	2.2		4.2	4.0		3.6	4.7	5.8	7.0	4.7
22	7.5	3.3	2.4		5.5	3.3		5.3	4.9	3.2	8.5	2.8
23	3.9	5.3	1.4	3.1	6.0	2.9		4.3	6.2	5.7	4.5	3.7
24	5.4	4.4	2.6	3.4	4.9	5.5		0.8	5.6	3.4	5.3	4.1
25	5.3	3.9		4.5	4.4	3.7		1.8	6.8	4.8	8.1	3.1
26	6.3	5.4	4.9	4.1	1.6	3.9		4.8	5.6	4.0		5.5
27	5.0	3.7	2.6	4.2	3.5	4.5		5.4	8.9	2.7	4.2	7.1
28	3.7	3.4	4.3	3.2	4.0	5.3		5.7	5.6	3.0	2.4	3.1
29	6.0	2.7	4.2		3.8	3.6		6.0	5.0	4.5	4.8	3.3
30	4.1		2.6	3.8	3.5	3.6		6.7	5.9	6.1	5.3	6.2
31	4.0		0.8		5.2					7.3		4.4
Monthly mean	5.5	4.3	3.8	3.8	4.1	4.1	4.0	4.7	5.6	5.0	5.2	5.0

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	6.9		1.5	2.0	2.4	2.2	2.4	2.0	4.0		4.3
2	5.4	7.2		2.5		2.5	3.0	2.5	2.2	2.8		4.6
3	6.3	5.7		2.4	3.8	3.5	3.8	1.8	4.4	2.9		5.6
4	5.0	4.7		2.0	2.5	3.2	3.7	2.4	4.4	2.2		3.3
5	5.9	4.6		1.2	1.6	3.6	3.7	2.9	3.5	3.2		3.4
6	5.7	7.9		1.0	2.0	2.3	2.6	2.5	2.7	4.2		5.1
7	5.1	8.9		0.7	2.7	2.2	1.7	2.9	2.4	2.2		3.5
8	5.6	6.1		1.9	2.1	1.3	2.2	2.2	3.9	2.1		3.0
9	5.4	5.0		2.1	0.9	1.3	2.1	2.6	2.6	1.9		3.7
10	5.1	5.0		2.8	1.8	1.4	2.0	1.9	2.5	2.3		5.0
11	5.1	4.2		2.7	0.8	1.9	2.0	1.3	2.8	3.0		6.3
12	5.8	4.8		2.6	1.2	3.6	1.9	2.4	1.8	3.1		4.3
13	5.1	5.9		1.2	1.5	3.2	2.2	1.6		2.6		
14	4.1	7.1		1.2	1.5	2.7	1.7	3.6	4.3	2.1		3.1
15	4.2	7.7		0.0	1.8	1.5	3.0	2.0	3.9	3.8		3.0
16	4.7	6.9	2.2	2.6	3.0	1.2	2.0	1.9	3.1	3.2		3.6
17	7.1	6.3	4.9	2.6	2.3		1.9	2.6	4.2	2.5		3.6
18	13.8	5.5	4.7	2.4	2.0		1.4	1.0	2.4	2.0	3.0	4.5
19	11.9	7.5	2.7	3.0	1.6		2.4	1.8	2.4	1.9	3.6	5.9
20	11.0	7.1	3.2	2.2	2.1		2.1	2.6	5.8	1.8	3.6	4.9
21	7.2	5.6	5.0	1.1	4.0		1.9	2.9	6.2	3.2	2.8	2.7
22	7.4	4.0	2.8	1.2	5.6		1.8	2.5	2.5	5.7	4.4	2.4
23	6.2	4.5	1.8	1.4	6.0		2.2	2.2	3.9	2.6	5.5	1.9
24	5.5	4.3	2.4	2.7	5.6	4.2	2.8	2.4	2.7	2.4	2.2	1.7
25	5.4	4.3	3.0	2.3	5.1	2.0	2.8	2.0	2.9	1.9	3.1	1.5
26	8.4		2.2	2.1	5.5	1.4	2.0	1.6	2.8	1.1	3.7	2.7
27	12.9		4.8	2.3	3.7	1.5	2.0	2.3	2.6	1.0	4.9	4.2
28	6.9		4.2	1.1	4.3		2.3	2.9	2.9		2.9	1.4
29	6.6		4.1	2.2		1.9	2.8	3.4	2.4		2.9	1.6
30	6.4		1.3	2.2		1.3	2.3	4.9	4.1		3.7	2.7
31	5.7		0.8		2.6		2.3	5.1				2.6
Monthly mean	6.6	5.9	3.1	1.9	2.9	2.2	2.4	2.5	3.2	2.7		3.5

Table 8-3. NITRIC OXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.082		0.104	0.076	0.095	0.029	0.030	0.066	0.038	0.061	0.139	0.079
2			0.109	0.094	0.088	0.014	0.053	0.072	0.040	0.069	0.076	0.115
3	0.055		0.097	0.038	0.108		0.065	0.066	0.049	0.050	0.095	0.108
4			0.122	0.065	0.085	0.046		0.066	0.039	0.129		
5	0.079		0.120	0.067	0.092	0.031	0.023	0.041	0.075	0.132		
6	0.091		0.091	0.036	0.133	0.042	0.029	0.047	0.088	0.049		
7	0.046		0.110	0.009	0.026	0.031	0.022	0.049	0.085	0.065		
8	0.113		0.166	0.021	0.034	0.053	0.028	0.057	0.022	0.078		
9		0.150	0.096	0.019	0.046	0.040	0.042	0.046	0.052	0.055	0.088	
10	0.114	0.143	0.069	0.063	0.074	0.032	0.055	0.036	0.101	0.121	0.081	
11	0.090	0.070	0.096	0.044	0.067	0.026	0.031	0.066	0.102	0.137	0.114	0.085
12	0.085	0.124	0.083	0.012	0.060	0.044	0.042	0.066	0.131	0.115	0.111	0.063
13	0.090	0.128	0.113	0.026	0.044	0.039	0.023	0.023	0.136	0.051	0.098	0.053
14	0.066	0.050	0.070		0.044		0.012	0.051	0.062	0.052	0.089	0.126
15	0.097		0.083	0.069	0.061	0.057	0.021	0.067	0.044	0.029	0.105	0.127
16	0.113	0.079	0.143	0.026	0.031	0.060	0.023	0.039	0.030	0.036	0.102	0.132
17	0.081	0.045	0.213		0.067	0.067	0.010	0.034	0.032	0.026	0.057	0.171
18	0.071	0.050	0.063	0.086	0.069	0.062	0.026	0.032	0.058	0.057	0.081	0.146
19	0.085	0.165	0.063	0.111	0.070	0.056	0.032	0.020	0.061	0.049	0.060	0.071
20	0.092	0.124	0.076	0.034	0.112	0.063	0.020	0.024	0.102	0.058	0.066	0.098
21	0.082	0.100	0.089	0.051	0.107	0.066	0.019	0.066	0.091	0.119	0.069	0.130
22	0.079	0.088	0.097		0.116	0.036	0.031	0.033	0.072	0.067	0.096	0.058
23	0.104	0.117	0.060		0.114	0.049	0.039	0.098	0.090	0.070	0.068	0.068
24		0.083	0.048		0.113	0.062	0.058	0.022	0.068	0.106	0.057	0.087
25	0.087	0.072	0.054		0.116	0.083	0.059	0.060	0.076	0.103	0.113	0.083
26		0.170	0.085		0.091	0.041	0.056	0.076	0.132	0.053	0.087	0.068
27	0.140	0.102	0.026		0.058	0.069	0.055	0.087	0.109	0.017	0.118	0.227
28	0.105	0.119	0.039		0.081	0.039	0.054	0.133	0.098	0.065	0.064	0.086
29	0.091	0.143	0.077	0.055	0.091	0.033	0.091	0.100	0.114	0.069	0.086	0.079
30			0.128	0.094	0.092	0.015	0.026	0.079	0.083	0.106	0.089	0.081
31			0.095		0.071		0.040	0.052		0.071		0.052
Monthly mean	0.087	0.106	0.091	0.069	0.075	0.044	0.037	0.053	0.075	0.071	0.083	0.100

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1				0.016	0.057	0.067	0.026				0.031	
2				0.021	0.104	0.027		0.018			0.079	
3	0.030			0.014		0.036					0.027	
4				0.043		0.193	0.091		0.020			
5	0.036		0.037	0.021	0.011	0.161	0.049		0.023		0.181	
6				0.025	0.128	0.149	0.055		0.031			
7				0.104		0.194	0.033		0.076		0.065	
8			0.192	0.021	0.039	0.163	0.011		0.096		0.090	
9				0.062		0.083	0.014					
10				0.114		0.039	0.047				0.166	
11					0.022	0.049					0.101	
12					0.012	0.022	0.111					
13					0.187	0.031	0.037				0.068	
14			0.076		0.040	0.056					0.038	
15			0.064			0.038	0.039			0.054	0.053	
16			0.085	0.176		0.011	0.027			0.067	0.018	
17			0.226	0.055		0.027				0.011	0.012	
18			0.266	0.052		0.098				0.021	0.014	
19			0.120	0.067			0.016			0.068	0.016	
20		0.019	0.070	0.038						0.112	0.021	
21		0.038	0.085	0.065		0.088			0.083	0.251		
22		0.052	0.057		0.136	0.039			0.069	0.021		
23		0.120	0.017		0.030	0.025					0.036	
24		0.102	0.020			0.018				0.119	0.027	
25		0.069	0.055			0.021				0.027	0.122	
26		0.257	0.036	0.105	0.015	0.032				0.027		
27			0.061		0.033	0.023		0.035				
28			0.032	0.254	0.048	0.011		0.037				
29			0.040	0.128	0.107	0.018		0.067			0.030	
30			0.019		0.060	0.016		0.114		0.192		
31			0.012		0.081					0.330		
Monthly mean			0.077	0.069	0.063	0.061					0.052	

Table 8-3 (continued). NITRIC OXIDE,DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan	Feb	March	April	May	June	July	Aug.	Sept.	Oct	Nov.	Dec
1	0.091	0.007	0.035	0.026	0.021	0.009				0.031	0.066	0.029
2	0.090	0.025	0.025	0.019	0.025					0.025	0.036	0.060
3	0.102	0.049	0.012	0.020	0.021		0.021			0.047	0.052	0.025
4	0.049	0.021	0.021		0.012		0.009			0.036	0.073	0.026
5	0.045	0.041	0.018	0.043	0.007	0.014	0.018			0.034	0.050	0.062
6	0.043	0.029	0.030	0.009	0.011	0.011	0.009		0.028	0.026	0.038	0.040
7	0.196	0.105	0.031	0.001	0.012	0.019	0.007		0.011	0.055	0.090	0.048
8	0.099	0.083	0.019	0.043	0.026	0.003	0.016		0.011	0.042	0.065	0.047
9	0.065	0.046	0.035	0.016	0.010					0.031	0.030	0.060
10	0.108	0.039	0.016	0.025	0.027		0.020		0.009	0.056	0.013	0.147
11	0.081	0.008	0.029	0.021	0.015	0.023	0.015		0.022	0.051		0.024
12	0.097	0.012	0.020	0.018	0.020		0.015		0.020	0.074	0.068	0.007
13	0.135		0.021	0.015	0.012				0.011	0.031	0.050	0.057
14			0.008	0.008	0.012				0.010	0.018	0.038	0.196
15	0.211		0.016	0.013	0.012		0.019		0.004	0.013	0.101	0.098
16	0.192		0.041	0.014	0.035		0.012	0.005	0.012	0.036	0.030	0.163
17	0.021	0.050	0.006	0.028	0.018		0.008	0.010	0.022	0.030	0.017	0.131
18		0.070	0.007	0.038	0.006	0.008	0.012	0.025		0.062	0.080	0.050
19			0.004		0.004		0.009	0.022	0.010	0.078	0.076	0.084
20		0.037			0.016	0.007	0.011	0.033	0.026			0.068
21		0.077		0.020	0.007			0.010		0.036		0.044
22	0.045	0.050		0.029	0.007			0.019		0.063	0.056	0.045
23	0.090			0.013	0.006				0.089	0.037		
24	0.042	0.020	0.019	0.022	0.022				0.040	0.082	0.057	0.136
25	0.018	0.019		0.021	0.014				0.054	0.079	0.070	0.066
26	0.009	0.049	0.013	0.017	0.004				0.042	0.047	0.070	0.087
27	0.014			0.018	0.015				0.033	0.043	0.078	0.038
28	0.050			0.010	0.017				0.017	0.085	0.026	
29	0.049	0.019	0.024	0.023	0.012				0.011	0.052	0.061	0.038
30	0.117		0.009	0.020	0.004				0.044	0.047	0.076	0.052
31	0.004		0.004		0.013					0.030		0.121
Monthly mean	0.072	.041	0.019	0.020	0.014				0.024	0.046	0.055	0.068

PHILADELPHIA

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.027	0.067	0.023	0.039	0.048	0.011	0.018	0.013	0.036	0.020	0.206	0.060
2		0.100	0.041	0.049			0.035	0.010	0.023	0.037	0.067	0.079
3	0.170		0.017	0.065	0.045	0.041	0.027	0.013	0.139	0.019	0.093	0.056
4	0.099		0.042	0.043	0.030			0.020	0.061	0.023	0.063	0.027
5	0.048	0.033	0.059	0.040	0.016			0.021	0.007	0.046	0.075	
6	0.107	0.097	0.067	0.019			0.023	0.016	0.007	0.096	0.042	0.015
7	0.043	0.186	0.094	0.025	0.075		0.026		0.097	0.027	0.037	0.019
8	0.045	0.061	0.189	0.054	0.045		0.024	0.024	0.107	0.026	0.092	0.010
9	0.057	0.051	0.134	0.071	0.013		0.011	0.056	0.030	0.042	0.035	
10	0.061	0.031	0.245		0.057		0.025		0.012	0.045	0.023	
11	0.045	0.035	0.058		0.043		0.007	0.015	0.008	0.093	0.068	
12	0.078	0.054	0.072		0.038	0.038		0.047	0.021	0.031	0.020	
13	0.042	0.045	0.095		0.035	0.035		0.038	0.018	0.067	0.016	
14	0.031	0.035	0.032		0.027	0.054	0.009		0.092	0.140	0.023	
15	0.044	0.045	0.038			0.045	0.019			0.113	0.108	
16	0.032	0.060	0.031	0.026		0.028				0.237	0.111	
17	0.086	0.068	0.036	0.026		0.046	0.034	0.015		0.110	0.095	
18	0.176	0.030	0.028	0.028		0.021	0.017	0.007	0.140	0.066	0.077	0.077
19	0.178	0.061	0.047	0.032		0.014		0.012	0.172	0.024	0.023	0.091
20	0.090	0.034	0.070	0.039		0.024		0.040	0.115	0.003	0.010	0.115
21	0.11	0.029	0.130	0.021			0.009	0.016	0.016	0.029	0.027	0.038
22	0.069	0.022	0.070	0.038			0.016	0.028	0.006	0.068	0.106	0.058
23	0.082	0.035	0.033	0.021			0.020	0.015	0.026	0.039	0.108	0.047
24	0.030	0.018	0.015	0.033		0.017	0.049		0.019	0.028	0.036	0.011
25	0.025	0.010	0.031	0.034		0.036	0.027	0.020	0.043	0.030	0.039	
26	0.102	0.151	0.030	0.030		0.025	0.017	0.017	0.016	0.010	0.039	0.013
27	0.370	0.270	0.043	0.059		0.026	0.003	0.011	0.083	0.011		0.043
28	0.374	0.140	0.114	0.049		0.029	0.011	0.023	0.030	0.015		0.156
29	0.102	0.050	0.110	0.096		0.027	0.045	0.028	0.042	0.027	0.016	0.020
30	0.102		0.044	0.067			0.055	0.027	0.029	0.022	0.012	0.097
31	0.049		0.033				0.011			0.059		0.076
Monthly mean	0.099	0.067	0.067	0.042		0.031	0.022	0.022	0.052	0.052	0.059	0.057

Table 8-3 (continued). NITRIC OXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.010	0.082	0.059	0.024		0.016				0.061	0.098	
2		0.018		0.036	0.030	0.016	0.007	0.074		0.022		0.094
3	0.026	0.038	0.011	0.020		0.034	0.009			0.015	0.012	0.021
4	0.017	0.027	0.030	0.004	0.026	0.016	0.060			0.057		0.061
5	0.080	0.052	0.009	0.026	0.022	0.013	0.028			0.028	0.118	0.016
6	0.095	0.066	0.025	0.018	0.029	0.015	0.010		0.025	0.002	0.034	0.118
7	0.017	0.010	0.098	0.000	0.029	0.018		0.028	0.024	0.040	0.012	0.041
8	0.072	0.026	0.035	0.007	0.024	0.016		0.054	0.006	0.026	0.019	0.034
9	0.076	0.027	0.021	0.027	0.009	0.013	0.018	0.019	0.004	0.029		0.056
10	0.074	0.016		0.027	0.040	0.016			0.009	0.027		0.084
11	0.085	0.003	0.018	0.024	0.023	0.013	0.028		0.027	0.056	0.018	0.072
12	0.070	0.007	0.007	0.012	0.023		0.044		0.067	0.033	0.044	0.018
13	0.011	0.017	0.039	0.009	0.049	0.012	0.013	0.015	0.082	0.017	0.045	0.015
14	0.003	0.029	0.015	0.008	0.044	0.044	0.014	0.026	0.035	0.060	0.092	
15	0.044	0.024	0.070	0.031	0.042	0.005	0.038	0.040	0.005	0.011		0.012
16	0.080	0.061	0.066	0.030	0.009			0.048	0.019	0.013		0.132
17	0.048	0.010	0.022	0.019		0.017	0.034		0.024	0.015		0.059
18		0.012	0.060	0.018	0.016	0.029			0.018	0.041	0.022	0.047
19		0.098	0.039	0.020	0.004	0.018	0.025		0.049	0.097	0.014	0.012
20	0.069		0.015		0.012	0.011			0.071	0.096	0.092	0.027
21	0.046	0.016	0.011	0.013	0.021	0.025	0.016				0.062	0.026
22	0.074	0.028	0.016	0.025	0.054	0.015			0.031	0.012	0.100	0.012
23	0.023	0.038	0.005		0.048	0.006	0.022		0.043		0.034	0.015
24	0.044	0.051	0.011		0.043	0.022	0.021		0.030		0.028	0.022
25	0.041	0.015	0.028		0.037	0.007	0.036		0.079	0.021		0.012
26	0.042	0.03[illegible]	0.020		0.016	0.007	0.031		0.044	0.043		0.045
27	0.032	0.018	0.010		0.015	0.023		0.028	0.095			0.047
28	0.020	0.032	0.018	0.007	0.017	0.036		0.022	0.033	0.007	0.023	
29		0.013	0.079	0.018	0.019	0.003			0.026	0.026	0.037	0.035
30	0.095		0.017		0.018		0.020		0.071	0.038	0.066	0.006
31	0.085		0.010		0.028		0.027	0.010		0.092		0.004
Monthly mean	0.049	0.031	0.027	0.019	0.027	0.017	0.025		0.038	0.034	0.042	0.038

WASHINGTON

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.014	0.033	0.010	0.009	0.019	0.017	0.018	0.018	0.023	0.059		
2	0.104	0.034	0.010	0.022	0.017	0.025	0.023	0.020	0.030	0.029		
3	0.116	0.007	0.000	0.026	0.057	0.051	0.023	0.010	0.076	0.030		
4	0.042	0.001	0.013	0.031	0.026		0.018	0.016	0.048	0.020		
5	0.052	0.023	0.053	0.016	0.007	0.070	0.022	0.025	0.059	0.087		
6	0.053	0.074	0.042	0.003	0.012	0.017	0.011	0.022	0.023	0.169		
7	0.012	0.125	0.033	0.002	0.053	0.011	0.009	0.021	0.029	0.028		
8	0.026	0.025	0.047	0.027	0.075	0.012	0.012	0.013	0.091	0.033		
9	0.043	0.023	0.061	0.014	0.016	0.015	0.012	0.018	0.044	0.026		
10	0.056	0.009	0.008	0.029	0.035	0.020	0.014	0.015	0.022	0.039		
11	0.032	0.002	0.004	0.048	0.022	0.016	0.016	0.015	0.028	0.039		
12	0.066	0.020	0.053	0.074	0.027	0.024	0.016	0.043	0.026	0.038		
13	0.054	0.010	0.021	0.038	0.014	0.013	0.026	0.014	0.023	0.046		
14	0.007	0.031	0.125	0.059	0.031	0.016	0.010	0.031	0.041	0.033		
15	0.026	0.064	0.015	0.016	0.031	0.023	0.025	0.014	0.067	0.063		
16	0.023	0.037	0.016	0.033	0.066	0.012	0.007	0.011		0.079		
17	0.067	0.025	0.000	0.023	0.033	0.019	0.008	0.037		0.061		
18	0.217	0.007	0.002	0.019	0.027	0.017	0.016	0.009		0.041		
19	0.196	0.053	0.019	0.023	0.008	0.017	0.022	0.012		0.030		
20	0.156	0.078	0.030	0.007	0.014	0.008	0.027	0.023		0.015		
21	0.103	0.010	0.040	0.007	0.091	0.017	0.040	0.018		0.064		0.091
22	0.094		0.040	0.015	0.033	0.008	0.016	0.033		0.182		
23	0.043	0.047	0.011	0.006	0.047	0.002	0.012	0.012	0.018	0.045		
24	0.023	0.038	0.012	0.038	0.037	0.016	0.017	0.011	0.034	0.057		
25	0.040		0.017		0.028	0.034	0.026	0.018	0.033	0.026		
26	0.096	0.101	0.016	0.026	0.081	0.015	0.020	0.020	0.032	0.021		
27	0.305	0.136	0.091	0.037	0.008	0.007	0.014	0.026	0.024	0.018		
28	0.114	0.107	0.049	0.024	0.029	0.022	0.012	0.037	0.032			
29	0.074	0.067	0.069	0.026	0.021	0.019	0.021	0.049	0.037			
30	0.068		0.009	0.022	0.007	0.012	0.020	0.083	0.079			
31	0.028		0.006		0.016		0.011	0.106				
Monthly mean	0.077	0.043	0.027	0.026	0.029	0.019	0.017	0.026	0.045	0.051		

Table 8-4. NITROGEN DIOXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.025		0.054	0.051	0.056	0.058	0.038	0.039	0.044	0.058	0.036	0.030
2			0.050	0.057	0.082	0.043	0.038	0.065	0.045	0.049	0.030	0.031
3	0.029		0.051	0.041	0.064	0.059	0.048	0.083	0.060	0.034	0.026	
4	0.030		0.053	0.042	0.052	0.059	0.040	0.081	0.053	0.036	0.034	
5	0.026		0.054	0.052	0.046	0.083		0.048	0.039	0.055	0.042	
6	0.027		0.052	0.057	0.060	0.073		0.058	0.039	0.041	0.037	
7	0.027		0.061	0.046	0.055	0.096		0.070	0.049	0.045	0.032	
8	0.044		0.066	0.039	0.055	0.093		0.043	0.051	0.050	0.036	
9	0.033	0.040	0.040	0.043	0.038	0.076	0.032	0.070	0.036	0.046	0.037	
10	0.030		0.038	0.045	0.047	0.073	0.014		0.026	0.043	0.041	
11	0.043	0.041	0.050	0.054	0.068	0.045	0.033		0.037	0.057	0.041	0.059
12	0.037	0.045	0.048	0.064	0.072	0.037	0.068		0.060	0.070	0.039	0.054
13	0.039	0.048	0.053	0.062	0.077	0.047	0.064	0.044	0.079	0.042	0.050	0.036
14	0.039	0.047	0.056	0.035	0.064	0.062	0.035	0.028	0.066	0.045	0.044	0.047
15	0.033	0.044	0.054	0.032	0.067	0.047	0.033	0.035	0.069	0.044	0.041	0.050
16	0.047	0.046	0.070	0.057	0.061	0.061	0.049	0.033	0.060	0.048	0.032	0.056
17	0.056	0.046	0.088	0.053	0.057	0.048	0.039	0.028	0.042	0.031	0.031	0.060
18	0.045	0.044	0.061	0.060	0.064	0.060	0.039	0.026	0.040	0.037	0.029	0.037
19	0.040	0.057	0.057	0.048	0.054	0.071	0.029	0.039	0.037	0.038	0.036	0.040
20	0.033	0.047	0.061	0.052	0.057	0.058	0.044	0.052	0.065	0.037	0.031	0.045
21	0.034	0.048	0.044	0.056	0.069	0.051	0.055	0.047	0.059	0.054	0.030	0.043
22		0.050	0.048		0.077	0.046	0.049	0.059	0.065	0.035	0.050	0.034
23	0.038	0.057	0.048		0.059	0.045	0.054	0.058	0.053	0.039		0.045
24	0.041	0.058	0.052		0.074	0.064	0.061	0.045		0.038	0.028	0.048
25	0.043	0.053	0.059		0.065	0.034	0.037	0.027	0.039	0.037	0.036	0.051
26	0.045	0.068	0.067		0.054	0.031	0.047	0.034	0.053	0.042	0.036	
27	0.044	0.068	0.063		0.048	0.020	0.047	0.035	0.061	0.029	0.035	
28	0.035	0.067	0.047		0.044	0.036	0.018	0.055	0.043	0.022	0.027	
29	0.037	0.053	0.051	0.071	0.049	0.043	0.022	0.080	0.055	0.028	0.031	
30			0.066	0.067	0.049	0.029	0.063	0.090	0.064	0.041	0.034	
31			0.040		0.092		0.050	0.080		0.050		0.031
Monthly mean	0.037	0.049	0.054	0.052	0.060	0.054	0.043	0.052	0.051	0.043	0.036	0.044

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.022	0.018	0.024	0.028	0.031	0.031		0.031	0.021	0.053	0.041	0.022
2	0.025	0.018	0.022	0.039	0.036	0.021		0.037	0.027	0.036	0.043	0.038
3	0.026	0.021	0.022	0.029	0.032	0.030		0.031	0.034	0.023	0.037	0.046
4	0.023	0.022	0.033	0.029	0.016	0.038	0.045		0.027	0.024		0.035
5	0.026	0.023	0.027	0.027	0.011	0.038	0.060	0.036	0.024			0.028
6	0.033	0.053	0.020	0.027	0.022	0.037	0.048	0.023	0.023			0.030
7	0.026	0.046	0.035	0.032	0.031	0.042	0.032	0.029	0.036	0.031	0.034	0.029
8	0.031	0.028	0.047	0.031	0.032	0.034	0.041	0.029	0.030		0.036	0.026
9	0.027	0.017	0.030	0.038	0.035	0.021	0.035	0.023	0.035	0.042	0.032	
10		0.019	0.021	0.043	0.067	0.035	0.063	0.026	0.023	0.024	0.033	
11		0.020	0.020	0.041	0.028	0.031	0.055	0.023	0.025	0.040	0.035	
12		0.020	0.025	0.037	0.023	0.024	0.058	0.033	0.036		0.032	
13	0.025	0.022	0.033	0.025	0.030	0.028	0.038	0.039	0.054		0.036	
14	0.020	0.025	0.042	0.011	0.028	0.035		0.030	0.062		0.045	
15	0.022		0.042	0.021	0.022	0.028	0.100	0.026	0.043		0.044	
16	0.028		0.039	0.040	0.022	0.020	0.043	0.017	0.041		0.028	
17	0.034	0.014	0.044	0.041	0.029	0.022	0.033	0.008		0.039	0.027	
18	0.049	0.020	0.046	0.032	0.019	0.028	0.039	0.011		0.020	0.031	0.033
19	0.032	0.027	0.039	0.032	0.016	0.028	0.057	0.024		0.036	0.037	
20	0.035	0.019	0.036	0.029	0.030	0.029	0.047	0.029		0.067	0.020	
21	0.025	0.021	0.024	0.025	0.026	0.036	0.042	0.033		0.067	0.026	
22	0.026	0.018	0.026	0.035	0.032	0.025		0.041		0.048	0.049	
23	0.019	0.023	0.025	0.026	0.032	0.024		0.045		0.045	0.058	
24	0.019	0.030	0.033	0.024	0.022	0.022		0.036		0.055	0.041	0.020
25	0.028	0.021	0.049	0.027		0.021		0.032		0.033	0.046	
26	0.030	0.028	0.038	0.035	0.017	0.021		0.027		0.044	0.035	
27	0.034	0.021	0.043	0.024	0.024	0.018		0.033		0.037	0.040	
28	0.029	0.024	0.035	0.031	0.037	0.017		0.033		0.031	0.028	
29	0.031	0.024	0.032	0.056	0.036	0.023	0.038	0.041		0.027	0.032	0.034
30	0.019		0.031	0.033	0.026			0.048		0.042	0.033	0.033
31	0.019		0.023		0.033		0.024	0.044				0.022
Monthly mean	0.027	0.026	0.032	0.031	0.027	0.028	0.048	0.031	0.034	0.040	0.037	

Table B-4 (continued). NITROGEN DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1		0.028	0.040	0.053	0.038	0.033	0.020	0.032	0.016	0.033	0.046	0.036
2	0.042	0.041	0.012	0.039	0.035	0.026	0.030	0.039	0.015	0.024		0.050
3	0.067	0.045	0.013	0.020	0.028	0.042	0.040	0.027		0.035	0.061	0.057
4	0.061	0.035	0.030	0.037	0.034			0.025		0.048	0.056	0.031
5	0.090	0.052	0.039	0.045	0.029	0.039		0.033		0.025	0.032	[illegible]
6	0.044	0.048	0.055	0.014	0.027	0.024	0.035	0.033		0.031	0.025	0.026
7	0.098	0.052	0.055	0.006	0.025	0.038	0.024	0.041		0.037		0.033
8	0.075	0.047	0.035	0.049	0.029	0.027	0.036	0.042		0.026		0.039
9	0.045	0.057	0.038		0.033	0.022	0.035	0.032		0.033		0.048
10	0.117	0.038	0.023	0.050	0.022	0.036	0.043	0.058	0.031	0.057		0.071
11	0.044	0.030	0.030	0.046	0.016	0.039	0.042		0.030	0.038		0.023
12	0.060		0.021	0.043	0.076	0.034	0.036		0.031	0.046		0.014
13	0.094		0.034	0.031	0.011	0.033	0.025		0.032	0.037		0.031
14	0.046		0.029	0.034	0.037	0.028	0.018		0.024	0.018		0.073
15	0.076		0.034	0.041	0.022	0.026	0.036		0.020	0.024	0.043	0.053
16	0.084		0.050		0.032	0.019	0.030	0.025	0.023	0.026		0.057
17	0.039		0.020	0.022	0.030	0.032		0.027	0.027	0.026		0.042
18	0.049		0.028	0.040	0.022	0.019		0.034	0.034	0.063	0.063	0.034
19	0.047		0.022	0.040	0.018	0.025	0.024	0.031	0.029	0.041	0.045	0.047
20	0.034		0.023	0.035	0.042	0.030		0.037	0.036		0.077	0.032
21	0.033			0.034	0.023	0.027	0.016	0.029	0.031	0.036	0.040	0.029
22	0.028			0.026	0.022	0.026		0.031	0.038	0.049	0.031	0.036
23	0.026			0.037	0.017	0.018			0.056	0.035	0.026	
24	0.023		0.027	0.037	0.029	0.027			0.047	0.049	0.039	
25	0.023		0.029	0.024	0.038	0.028			0.041	0.065	0.032	0.040
26	0.015	0.057	0.017	0.021	0.023	0.036		0.038	0.046	0.040	0.034	0.038
27	0.030	0.045	0.033	0.031	0.025	0.034		0.029	0.041	0.040	0.045	0.031
28	0.036	0.039	0.034	0.029	0.039	0.030		0.026	0.029	0.052	0.024	0.038
29	0.033	0.039	0.038	0.038	0.036	0.029		0.033	0.029	0.047	0.039	0.029
30	0.071		0.027	0.035	0.017	0.014	0.047	0.041	0.039	0.041	0.046	0.028
31	0.030		0.016		0.024		0.026	0.027		0.035		0.045
Monthly mean	0.052		0.030	0.034	0.027	0.029	0.031	0.033	0.033	0.038	0.042	0.039

PHILADELPHIA

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.024	0.028	0.025	0.028	0.046	0.038	0.060	0.044	0.034	0.057	0.045	0.027
2	0.040	0.026		0.031	0.037	0.043	0.046	0.041	0.032	0.055	0.054	0.026
3	0.046	0.026	0.023	0.039	0.056	0.049	0.066	0.047	0.051	0.039	0.066	
4	0.025	0.026	0.030	0.036	0.037	0.056	0.065	0.046	0.056	0.020	0.031	0.024
5	0.025	0.034	0.038	0.029	0.023	0.075	0.058	0.033	0.044	0.026	0.067	
6	0.046	0.037	0.047	0.030	0.035	0.086	0.075	0.041	0.037	0.032	0.036	0.022
7	0.026	0.030	0.083	0.033	0.085	0.083	0.054	0.041	0.045		0.022	0.021
8	0.021	0.014	0.055	0.036	0.032	0.066	0.056	0.039	0.055	0.061	0.018	0.018
9	0.025	0.023	0.056	0.020	0.034	0.068	0.050	0.054	0.057	0.049	0.020	0.043
10	0.025		0.040		0.043	0.063	0.050	0.034	0.030	0.036	0.021	0.032
11	0.024					0.029	0.041	0.019	0.030	0.042	0.029	0.056
12	0.034		0.029		0.028	0.047	0.051	0.045	0.028	0.047	0.034	0.039
13	0.032		0.023		0.024	0.036	0.049	0.026	0.046	0.066	0.024	
14	0.022	0.025	0.027		0.026	0.043	0.039	0.031	0.063	0.061	0.035	0.036
15	0.024	0.023	0.030			0.060	0.044	0.034	0.048	0.081	0.042	0.019
16	0.026	0.032	0.028	0.020		0.055	0.057	0.047	0.064	0.063	0.043	0.028
17	0.035	0.031	0.020	0.037		0.039	0.085	0.041	0.076	0.052	0.026	
18	0.046		0.022	0.041		0.046	0.063	0.031	0.063	0.022	0.029	0.043
19	0.053	0.034	0.032	0.048		0.040	0.040	0.033	0.050	0.011	0.019	0.047
20	0.034	0.022	0.034	0.035		0.036	0.029	0.059	0.076	0.039	0.016	0.038
21	0.037	0.016	0.040	0.030		0.054	0.038	0.049	0.081		0.024	0.024
22	0.040	0.011	0.041	0.029		0.073	0.052	0.053	0.056		0.035	0.037
23	0.032	0.018	0.021	0.021		0.076		0.043	0.056	0.032	0.046	0.025
24	0.014	0.010	0.018	0.023		0.077		0.048	0.062		0.044	0.020
25	0.021	0.000	0.029	0.027		0.059	0.060	0.037	0.045		0.029	0.022
26	0.024		0.041	0.038		0.052	0.044	0.027	0.045		0.033	0.024
27	0.042		0.040	0.042		0.037	0.035	0.026	0.049	0.031	0.033	
28	0.070	0.065	0.082	0.028		0.043	0.026	0.027	0.047		0.021	0.048
29	0.031	0.041	0.067	0.041	0.043	0.062	0.056		0.032		0.022	0.036
30	0.027		0.028	0.050	0.037	0.051	0.047	0.030	0.041	0.026	0.019	0.051
31	0.027		0.030		0.045		0.050	0.037		0.031		0.041
Monthly mean	0.033	0.024	0.038	0.034	0.045	0.054	0.052	0.039	0.049	0.042	0.032	0.031

Table 8-4 (continued). NITROGEN DIOXIDE, DAILY AVERAGES, 1968

(ppm)

ST. LOUIS

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.022	0.013	0.026	0.024	0.039	0.037	0.032	0.019	0.030	0.009	0.031	0.016
2	0.026	0.018	0.015	0.028	0.092	0.045	0.015	0.034	0.020	0.011	0.024	0.031
3	0.023	0.022	0.020	0.023	0.037	0.043	0.019	0.013	0.001	0.013	0.010	0.022
4	0.027	0.017	0.036	0.021	0.044	0.037	0.031	0.014		0.016	0.020	0.025
5	0.029	0.026	0.023	0.020	0.029	0.041	0.032	0.019		0.018	0.033	0.015
6	0.025	0.033	0.018	0.018	0.044	0.041	0.024	0.011	0.020	0.008	0.012	0.026
7	0.025	0.018	0.030	0.012	0.043	0.048	0.023	0.016	0.010	0.007	0.006	0.025
8	0.030	0.024	0.025	0.023	0.046	0.045	0.028	0.027	0.013		0.018	0.020
9	0.027	0.017	0.023	0.030	0.030	0.031	0.025	0.025	0.012	0.002	0.019	0.025
10	0.030	0.014	0.007	0.031	0.029	0.031		0.012	0.011	0.011	0.024	0.028
11	0.037	0.017	0.020	0.024	0.038	0.034	0.036		0.019	0.016	0.020	0.037
12	0.029	0.019	0.022	0.031	0.036	0.021	0.047		0.031	0.016	0.020	0.022
13	0.017	0.017	0.024	0.032	0.035	0.020	0.020		0.038	0.007	0.025	0.013
14		0.018	0.009	0.016	0.028	0.020	0.020	0.035	0.027	0.002	0.028	0.015
15	0.019	0.022	0.009	0.027	0.030	0.016	0.021	0.030	0.024	0.006	0.027	0.019
16	0.023	0.025	0.006	0.018	0.035	0.025	0.025	0.018	0.025	0.005	0.023	0.032
17	0.019	0.016	0.011	0.023	0.046	0.031	0.026	0.035	0.011	0.006	0.023	0.020
18	0.021	0.022	0.012	0.024	0.028	0.034	0.021	0.021	0.001	0.004	0.020	0.017
19	0.029	0.029	0.008	0.022	0.020	0.033	0.033	0.021	0.000	0.010	0.018	0.014
20	0.020	0.017	0.010	0.024		0.027	0.034	0.015	0.004	0.024	0.019	0.017
21	0.018	0.020	0.020	0.037	0.035	0.033	0.032			0.004	0.026	
22	0.035	0.024	0.026	0.026	0.039	0.024			0.003	0.011	0.039	
23	0.029	0.033	0.018		0.037	0.008	0.030		0.005	0.019	0.030	
24	0.032	0.031	0.021		0.036	0.015	0.038		0.002	0.017	0.016	0.019
25	0.027		0.028		0.038		0.038	0.026	0.021	0.016	0.012	0.015
26	0.036	0.025	0.025		0.029	0.015	0.024	0.044	0.013		0.012	0.016
27	0.031	0.021	0.024	0.045	0.034	0.018	0.014	0.039	0.042	0.010		0.009
28	0.023	0.022	0.028	0.039	0.038	0.014	0.021	0.048	0.018	0.006	0.019	0.011
29	0.022	0.016	0.025	0.039	0.036	0.019	0.027	0.051		0.011	0.018	0.009
30	0.017		0.026		0.029	0.008	0.029	0.044	0.017	0.021	0.023	0.005
31	0.015		0.029		0.051		0.016	0.028		0.024		0.005
Monthly mean	0.026	0.021	0.020	0.026	0.037	0.029	0.027	0.027	0.016	0.011	0.021	0.019

WASHINGTON

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1		0.041	0.038	0.033	0.022	0.044	0.054	0.048	0.057	0.062		
2	0.042	0.034	0.036	0.042	0.028	0.044	0.064	0.041	0.059	0.055		
3	0.041	0.031	0.023	0.045	0.041	0.059	0.067	0.033	0.081	0.047		
4	0.040	0.039	0.040	0.038	0.026		0.058	0.039	0.072			
5		0.046	0.056	0.025		0.073	0.074	0.064				
6		0.060	0.061	0.031	0.014	0.059	0.080	0.053	0.040	0.050		
7	0.021	0.073	0.059	0.031	0.040	0.052		0.048		0.034		
8		0.051	0.060	0.037	0.046	0.036		0.043		0.046		
9		0.044	0.050	0.029	0.050	0.043	0.075	0.053		0.043		
10		0.023		0.052	0.040	0.041	0.043	0.046		0.042		
11		0.024		0.040	0.027	0.028	0.042	0.034	0.034	0.041		
12		0.037		0.067	0.016	0.037	0.040	0.058	0.026	0.063		
13		0.037	0.041	0.049		0.033	0.048	0.054	0.037	0.059		
14		0.053	0.045	0.050		0.039	0.036	0.059	0.038	0.044		
15		0.047	0.044	0.038	0.040	0.054	0.065	0.058	0.047	0.040		
16		0.046	0.034	0.031	0.030	0.058	0.043	0.062	0.048	0.061		
17	0.047	0.038	0.025	0.039	0.049	0.039	0.054	0.056	0.066	0.052		
18	0.040	0.033	0.031	0.039	0.056	0.037	0.053	0.033	0.055	0.040		
19	0.074	0.044	0.066	0.042	0.053	0.041	0.052	0.045	0.060	0.046		
20	0.051	0.047	0.082	0.030	0.047	0.034	0.039	0.052	0.059	0.069		
21	0.035	0.038	0.063	0.028	0.056	0.039	0.051	0.056	0.068	0.051		
22	0.044	0.041	0.057	0.027	0.055	0.045	0.055	0.079	0.057	0.068		
23	0.036	0.043	0.028	0.027	0.071	0.044	0.046	0.060	0.043	0.041		
24	0.043	0.041		0.029	0.040	0.069	0.062	0.068	0.034	0.052		
25	0.035	0.026		0.034	0.048	0.054	0.054	0.065	0.041	0.037		
26	0.045	0.047	0.068	0.034	0.061	0.038	0.042	0.040	0.040	0.049		
27	0.074	0.060	0.079	0.034	0.032	[illegible]	0.035	0.043		0.043		
28	0.045	0.070	0.067	0.048	0.045	0.034		0.050	0.038			
29	0.059	0.055	0.060	0.025	0.045	0.042	0.056	0.064	0.030			
30	0.041		0.028	0.023	0.036	0.050	0.061	0.068	0.054			
31	0.037		0.030		0.040		0.073	0.078				
Monthly mean	0.049	0.044	0.049	0.034	0.042	0.048	0.054	0.053	0.051	0.049		

Table 8-5. SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.236		0.350	0.072	0.025	0.023		0.015		0.135	0.078	
2	0.339		0.222	0.093	0.150	0.013		0.071		0.118	0.059	0.350
3	0.227		0.196	0.060		0.052		0.054		0.033	0.033	0.234
4	0.165		0.285	0.154		0.017	0.047	0.069		0.071	0.055	0.191
5	0.321		0.341	0.120		0.049	0.040	0.042	0.009	0.103	0.067	0.065
6	0.347	0.437	0.157	0.159	0.067	0.073		0.034	0.031	0.061	0.046	0.121
7	0.192	0.283	0.218	0.061	0.039	0.068	0.035	0.009	0.016	0.109	0.088	
8	0.353	0.271	0.221	0.137	0.077	0.051	0.068	0.041	0.015	0.104	0.140	
9	0.250	0.290	0.129	0.075	0.018	0.046		0.086	0.044	0.115	0.157	
10	0.235	0.264		0.062	0.009	0.033		0.008	0.026	0.104	0.157	0.240
11	0.072	0.176		0.129	0.011	0.031	0.083	0.024	0.030	0.132	0.222	0.118
12	0.141	0.251		0.232	0.014	0.013	0.064	0.048	0.062	0.128	0.266	0.079
13	0.139	0.274		0.062	0.013	0.012	0.050	0.059	0.119	0.056	0.218	0.128
14	0.157	0.219		0.031	0.093	0.040	0.068	0.019	0.094	0.047	0.242	0.201
15	0.266	0.192	0.358	0.096	0.050	0.012	0.106	0.019	0.084	0.024	0.072	0.232
16	0.476	0.276	0.228	0.071	0.009	0.013	0.130	0.080	0.075	0.028		0.211
17	0.513	0.137	0.148	0.068	0.035	0.011	0.063	0.021	0.077	0.046		
18	0.348	0.152	0.100	0.055	0.029	0.036	0.044	0.007	0.027	0.138	0.154	
19	0.345	0.331	0.131	0.054	0.049	0.020	0.033	0.078	0.063	0.083	0.159	
20	0.346	0.327	0.076	0.087	0.041	0.025	0.058	0.046	0.106	0.067	0.209	0.113
21	0.194	0.239	0.120	0.037	0.071	0.037	0.085	0.115	0.065	0.134	0.254	0.214
22	0.321	0.218	0.208		0.193	0.010	0.053	0.109	0.065	0.076	0.189	0.123
23	0.266	0.291	0.163		0.019	0.030	0.042	0.147	0.113	0.129	0.139	
24	0.248	0.136	0.177		0.027	0.040	0.029	0.088	0.092	0.131	0.093	0.146
25	0.219	0.104	0.235		0.012	0.012	0.022	0.058	0.042	0.184	0.163	
26	0.220	0.350	0.194		0.016	0.037	0.044	0.014	0.069	0.159	0.163	
27	0.199	0.212	0.100		0.146	0.018	0.031	0.012	0.093	0.066	0.095	
28	0.237	0.261	0.154		0.034		0.012	0.040	0.044	0.151	0.080	
29	0.336	0.337	0.072	0.065	0.030		0.034	0.065	0.065	0.127	0.177	
30			0.109	0.049	0.024		0.040	0.117	0.105	0.152		
31			0.055		0.045		0.027	0.081		0.142		
Monthly mean	0.262	0.247	0.182	0.088	0.047	0.031	0.052	0.054	0.061	0.101	0.139	0.172

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1			0.011	0.003	0.014	0.020	0.003	0.022	0.002	0.019	0.021	0.017
2			0.012	0.006	0.023	0.019	0.006	0.028	0.008	0.013	0.023	0.018
3			0.002	0.004		0.018	0.006	0.016	0.006	0.016	0.010	0.024
4			0.002	0.076		0.020	0.015	0.015	0.003	0.017	0.033	0.010
5			0.003	0.004		0.027	0.019	0.025	0.008	0.029	0.045	0.011
6			0.000	0.011		0.008	0.011	0.022	0.027	0.035	0.039	0.021
7			0.002	0.019	0.009	0.007	0.008	0.026	0.023	0.046	0.020	0.016
8		0.019	0.032	0.012	0.015	0.010	0.008	0.014	0.009		0.017	0.005
9		0.010	0.000	0.009		0.003	0.001	0.005	0.011		0.030	0.015
10		0.002	0.000	0.002	0.028	0.018	0.005	0.018	0.015	0.029	0.015	0.042
11		0.011	0.000	0.008		0.001	0.015	0.011	0.011	0.044	0.034	0.032
12		0.014	0.000	0.013			0.019	0.022	0.012	0.044	0.022	0.005
13		0.000	0.004	0.028			0.000	0.011	0.014	0.028	0.037	0.003
14		0.028	0.012	0.046	0.041	0.004		0.008	0.010	0.025	0.022	0.002
15		0.004	0.037			0.004	0.008	0.012	0.016	0.025	0.014	0.002
16		0.003	0.006		0.046	0.001	0.015	0.030	0.014	0.021	0.009	0.033
17		0.003	0.001		0.040	0.000	0.005	0.036	0.014	0.014	0.001	0.032
18		0.026	0.010	0.029	0.036	0.000	0.021	0.038	0.008	0.015	0.007	0.012
19		0.019	0.025	0.046	0.048	0.006	0.009	0.043	0.009	0.028	0.005	0.006
20		0.009	0.006	0.040	0.040	0.002	0.007	0.045	0.006	0.035	0.002	0.006
21		0.024	0.003	0.044		0.000	0.007	0.050	0.010	0.028	0.019	0.001
22			0.002			0.009			0.006	0.024	0.022	0.006
23			0.006		0.079	0.012		0.041	0.031	0.025	0.007	0.003
24			0.008	0.046	0.039	0.010		0.023	0.030	0.020	0.013	0.002
25			0.050	0.042	0.022	0.001		0.032	0.021	0.013	0.037	0.018
26		0.015	0.032	0.053		0.008	0.005	0.011	0.040	0.022	0.008	0.031
27		0.007	0.010	0.046	0.040	0.001	0.009	0.011	0.026	0.012	0.013	0.006
28		0.000	0.006	0.032	0.047	0.002	0.011	0.006	0.028	0.013	0.005	0.005
29		0.000	0.010	0.036	0.031	0.000	0.023	0.019	0.020	0.021	0.015	0.016
30			0.007	0.016	0.021	0.000	0.027	0.022	0.031	0.025	0.015	0.016
31			0.017		0.034		0.022	0.010		0.021		0.015
Monthly mean		0.010	0.010	0.026	0.034	0.008	0.011	0.022	0.016	0.024	0.019	0.014

Table 8-5 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov.	Dec
1		0.002	0.000	0.004			0.003		0.030	0.006	0.024	
2		0.001	0.000			0.020			0.017	0.011	0.017	0.006
3		0.004	0.000	0.004		0.019	0.005		0.012	0.018	0.038	0.001
4		0.005		0.003		0.014	0.003		0.023	0.028	0.047	0.003
5		0.013	0.003	0.005		0.012	0.001	0.005	0.014	0.019	0.019	0.007
6		0.010	0.002	0.008		0.001	0.002	0.007	0.028	0.030	0.018	0.002
7			0.003	0.002		0.001		0.011	0.018	0.033	0.034	0.004
8			0.000	0.008			0.006	0.021	0.015	0.015	0.036	0.010
9	0.026			0.004			0.006		0.031	0.039	0.018	0.018
10	0.041	0.006		0.003		0.001	0.011		0.026	0.040	0.016	0.039
11	0.023	0.003	0.000				0.013		0.012	0.023	0.025	0.013
12	0.037	0.000	0.000				0.008	0.005	0.007	0.037	0.023	0.000
13	0.043	0.000					0.002	0.007	0.013	0.025	0.020	0.006
14	0.023	0.000					0.004	0.004	0.006	0.031	0.019	0.032
15	0.027	0.001	0.003				0.007	0.003	0.009		0.023	0.023
16		0.000	0.007		0.001		0.014		0.016		0.020	0.026
17		0.000	0.001		0.003		0.010		0.034	0.014	0.017	0.016
18	0.026	0.002	0.001			0.005		0.002	0.035	0.016	0.022	0.005
19	0.016	0.001	0.000				0.010	0.004	0.018	0.028	0.025	0.009
20	0.002	0.000	0.000				0.011	0.010			0.036	0.004
21		0.000	0.000		0.017			0.009		0.021		0.000
22	0.001	0.000	0.000		0.020	0.006		0.021	0.002	0.014		0.003
23	0.006	0.000	0.010		0.019				0.017	0.016		0.015
24	0.008	0.000			0.017	0.001			0.013	0.019	0.041	0.015
25			0.003		0.017	0.002			0.015	0.020	0.044	0.006
26		0.000	0.005		0.011	0.008			0.011	0.020	0.036	0.006
27		0.003	0.001		0.020	0.015		0.010	0.005	0.020	0.041	0.002
28		0.000	0.001		0.024	0.010		0.014	0.001		0.023	0.006
29	0.016	0.001	0.004		0.024	0.010		0.012	0.001		0.040	0.002
30	0.017		0.004					0.023	0.005			0.008
31	0.003		0.001		0.023			0.014		0.019		0.016
Monthly mean	0.020	0.002	0.002				0.007	0.010	0.016	0.022	0.027	0.010

PHILADELPHIA

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov.	Dec
1	0.065	0.130	0.025	0.113	0.035	0.035	0.067		0.060	0.053	0.186	0.068
2	0.291	0.149	0.068	0.131	0.025	0.057	0.059	0.028	0.031	0.084	0.084	0.161
3	0.349	0.058	0.023	0.270	0.143	0.125	0.075	0.071	0.049	0.059	0.060	0.067
4	0.143	0.041	0.059	0.205	0.022		0.047	0.033	0.035	0.016	0.093	0.071
5	0.064	0.091	0.073	0.106	0.047	0.085	0.047	0.016	0.019	0.023	0.106	0.080
6	0.305	0.098	0.162	0.059	0.051	0.075	0.100	0.057	0.017	0.057	0.098	0.036
7	0.106	0.130	0.094	0.102	0.069	0.143	0.092	0.008	0.028	0.019	0.062	0.045
8	0.075	0.052	0.279	0.157	0.082	0.047	0.100	0.027	0.073	0.033	0.032	0.023
9	0.211	0.082	0.301	0.083	0.141	0.060	0.078	0.207	0.053	0.069	0.062	0.025
10	0.114	0.064	0.221		0.045	0.074	0.045	0.019	0.013	0.039	0.025	0.037
11	0.076	0.071	0.094		0.087	0.027	0.071	0.010	0.014	0.091	0.083	0.203
12	0.125	0.096	0.131	0.101	0.106		0.105	0.059	0.011	0.060	0.023	0.171
13	0.211	0.074	0.079	0.168	0.045		0.122	0.184	0.015	0.112	0.014	0.135
14	0.120	0.092	0.038	0.039	0.066		0.101	0.047	0.026	0.054	0.066	0.064
15	0.156	0.090	0.076	0.040	0.096	0.134	0.082	0.016	0.043	0.077	0.140	0.017
16	0.049	0.177	0.046	0.017		0.025	0.035	0.081	0.060	0.073	0.105	0.032
17	0.264	0.257	0.050	0.054		0.027	0.097	0.056	0.072	0.068	0.094	0.056
18	0.362	0.052	0.022	0.068		0.030		0.032	0.038	0.023	0.080	0.116
19	0.346	0.068	0.046	0.141		0.081	0.047	0.015	0.049	0.028	0.029	0.165
20	0.130	0.095	0.213	0.079		0.033	0.017	0.172	0.085	0.011		0.069
21	0.154	0.036	0.356	0.124	0.045	0.060	0.048	0.003	0.070	0.013	0.111	0.029
22	0.155	0.049	0.158	0.075	0.048	0.170	0.094	0.066	0.031	0.077	0.199	0.059
23	0.205	0.073	0.076	0.047	0.197	0.024	0.049	0.018	0.036	0.033	0.106	0.062
24	0.049	0.041	0.072	0.034		0.077	0.113	0.084	0.089	0.055	0.088	0.026
25	0.047	0.041	0.060	0.018		0.067	0.025	0.028		0.025	0.018	0.019
26	0.091	0.059	0.194	0.079		0.091	0.016	0.008		0.016	0.045	0.034
27	0.143	0.219	0.147	0.093	0.045	0.063	0.018	0.006	0.025	0.046	0.105	0.127
28	0.285	0.172	0.363	0.015	0.045	0.044		0.007	0.032	0.078	0.066	0.153
29	0.127	0.123	0.218	0.099	0.055	0.139	0.006	0.012	0.028	0.027	0.063	0.018
30	0.147		0.045	0.091	0.043	0.049	0.020	0.035	0.031	0.032	0.018	0.043
31	0.093		0.178		0.017		0.027	0.064		0.048		0.060
Monthly mean	0.164	0.094	0.119	0.094	0.068	0.071	0.062	0.050	0.060	0.047	0.075	0.074

Table 8-5 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb	March	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec
1	0.084	0.037	0.042	0.018	0.001	0.007	0.018	0.027	0.017	0.043	0.112	0.009
2	0.111	0.017	0.011	0.017	0.012	0.007	0.010	0.057	0.017	0.010	0.065	0.010
3	0.049	0.029	0.010	0.028	0.010	0.007	0.021	0.048	0.040	0.007	0.054	0.002
4	0.047	0.025	0.011	0.017	0.014	0.022	0.036	0.033	0.026	0.013	0.061	0.034
5	0.062	0.041	0.004	0.004	0.024	0.034	0.026	0.055	0.006	0.052	0.077	0.003
6	0.077	0.047	0.034	0.072	0.018	0.018	0.024	0.067	0.011	0.004	0.021	0.101
7	0.074	0.000	0.037	0.003	0.030	0.025	0.019	0.055	0.040	0.020	0.008	0.019
8	0.130	0.001	0.022	0.001	0.017	0.036	0.017	0.117	0.017	0.035	0.011	0.052
9	0.082	0.002	0.001	0.022	0.023	0.034	0.032	0.026	0.004	0.028	0.019	0.067
10	0.151	0.003	0.001	0.011	0.028	0.016	0.020	0.026	0.011	0.063	0.060	0.088
11		0.000	0.029	0.051		0.000	0.019	0.034	0.037	0.065	0.035	0.045
12	0.062	0.003	0.022	0.030	0.011	0.000	0.033	0.070	0.047	0.021	0.033	0.028
13	0.032	0.006	0.019	0.013	0.016	0.011	0.005	0.078	0.052	0.020	0.080	0.000
14	0.023	0.002	0.012	0.000	0.007	0.008	0.003	0.058	0.090	0.032	0.049	0.000
15	0.051	0.004	0.018	0.009	0.003		0.022	0.062	0.052	0.024	0.069	0.003
16	0.066	0.005	0.040	0.006	0.001	0.000	0.007	0.092	0.155	0.044	0.020	0.070
17	0.066	0.000	0.014	0.001	0.002	0.004	0.003	0.062	0.046	0.016	0.020	0.026
18	0.051	0.005	0.013	0.004	0.001	0.012	0.008	0.075	0.024	0.014	0.015	0.053
19	0.096	0.084	0.016	0.009	0.001	0.009	0.033	0.086	0.055	0.035	0.009	0.004
20	0.065	0.013	0.012	0.001	0.000	0.013	0.028	0.052	0.068	0.012	0.029	0.011
21		0.008	0.010	0.006	0.000	0.008	0.032	0.034	0.028	0.044	0.119	0.012
22	0.091	0.041	0.008			0.011	0.022	0.035	0.036	0.017	0.065	0.028
23	0.026	0.029	0.000		0.005	0.004	0.023	0.012	0.022	0.030	0.066	0.005
24	0.026	0.049	0.003	0.002	0.017	0.007	0.017		0.010	0.004	0.008	0.016
25	0.026	0.064	0.007		0.008	0.005	0.015		0.029	0.016	0.051	0.025
26	0.011	0.044	0.010		0.004	0.006	0.014	0.004	0.030	0.046	0.036	0.073
27	0.011	0.008	0.002		0.002	0.008	0.016	0.004	0.049	0.011	0.011	0.057
28	0.017	0.020	0.001		0.010	0.025	0.012	0.014	0.055	0.005	0.014	0.033
29	0.010	0.038	0.002		0.012	0.017	0.022	0.029	0.066	0.062	0.003	0.038
30			0.003	0.001	0.013	0.008	0.061	0.065	0.022	0.094	0.028	0.041
31	0.025		0.001		0.034		0.030	0.018		0.061		0.007
Monthly mean	0.055	0.021	0.014	0.014	0.011	0.012	0.021	0.049	0.039	0.030	0.041	0.031

WASHINGTON

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.056	0.063	0.071	0.017	0.025	0.013	0.007	0.001	0.002	0.016		
2	0.150	0.058	0.064	0.036	0.022	0.001	0.003	0.001	0.000	0.017		
3	0.113	0.057	0.042	0.033	0.036	0.009	0.002	0.001	0.010	0.010		
4	0.095	0.053	0.076	0.019	0.020	0.008	0.003	0.000	0.010	0.006		
5	0.066	0.087	0.090	0.014	0.024	0.007	0.008	0.005	0.024	0.011		
6	0.074	0.114	0.121	0.017	0.018	0.004	0.005	0.005	0.014	0.023		
7	0.056	0.119	0.048	0.022	0.026	0.000	0.017	0.000	0.020	0.014		
8	0.076	0.073	0.081	0.025	0.041	0.000	0.014		0.029	0.019		
9	0.086	0.085	0.071	0.012	0.014	0.000	0.016		0.024	0.011		
10	0.081	0.050	0.082	0.037	0.015	0.001	0.005	0.002	0.009	0.009		
11	0.068	0.066	0.068	0.032	0.032		0.003		0.011	0.012		
12	0.087	0.092	0.084	0.054	0.002	0.000	0.006	0.004	0.014			0.084
13	0.126	0.080	0.078	0.037	0.012	0.003	0.022	0.011	0.021			0.057
14	0.027	0.113	0.078	0.028	0.013	0.003	0.004	0.000	0.011			0.032
15	0.081	0.107	0.072	0.016	0.017	0.004	0.003	0.004	0.021			0.035
16	0.072	0.090	0.054	0.012	0.010	0.001	0.004	0.003	0.030			0.056
17	0.076	0.067	0.036	0.017	0.012		0.012	0.000	0.031			0.061
18	0.114	0.060	0.041	0.015	0.010		0.007	0.000	0.015			0.086
19	0.115	0.095	0.041	0.012	0.007		0.008	0.000	0.019			0.098
20	0.125	0.098	0.047	0.006	0.008		0.002	0.004	0.023			0.077
21	0.084	0.070	0.092	0.002	0.024		0.011	0.000	0.025			0.054
22	0.109	0.083	0.090	0.007	0.023		0.016	0.011	0.023			0.078
23	0.075	0.098	0.024	0.004	0.017		0.006	[illegible]	0.027			0.049
24	0.067	0.093	0.028	0.015	0.001		0.001	0.001	0.021			0.046
25	0.076	0.055	0.050	0.019	0.001	0.006	0.003	0.001	0.016			
26	0.154	0.094	0.041	0.029	0.004	0.004	0.016	0.001	0.022			0.065
27	0.180	0.116	0.067	0.037	0.000	0.000	0.003	0.005	0.022			0.063
28	0.146	0.152	0.042	0.026	0.009	0.001	0.001	0.010	0.010			0.030
29	0.127	0.122	0.025	0.029	0.009	0.001	0.003	0.012	0.009			0.036
30	0.108		0.009	0.027	0.001	0.001	0.024	0.003	0.020			0.062
31	0.070		0.013		0.015		0.008	0.010				
Monthly mean	0.095	0.086	0.057	0.022	0.015	0.004	0.008	0.003	0.018			0.060

Table 8-6. TOTAL HYDROCARBONS, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept.	Oct	Nov.	Dec
1	2.47		3.19	3.47		3.14	2.33	2.77	2.07	2.16	2.70	2.24
2	3.13		3.04	3.26		2.36	2.65	3.50	2.00	2.08	2.45	3.08
3	2.49		2.85	2.68	4.29		3.29	3.60	2.77	1.75	2.10	3.00
4	2.32		3.61	2.71	2.83		3.07	3.34	3.09	2.47	2.54	2.35
5	2.54		3.67	3.59	2.36		3.42	2.86	2.64	2.87	2.59	1.99
6	2.59	5.16	3.16	3.63	3.45	3.88	3.02	2.28	3.04		2.71	2.36
7	2.24	3.45	3.44	2.90	2.51	3.45	3.09	2.81	3.20		2.63	2.30
8	3.09	3.07	4.38	3.21	2.66	3.87	3.38	2.59	2.32			2.29
9	2.83	3.20	3.26	3.46	2.27	3.52	3.22	3.35		2.23		2.80
10	3.23	2.92	2.88	4.09		2.97	3.18	1.65		2.95		2.11
11	2.77	2.32	3.43	4.34	3.24	2.31	3.97	1.43		3.24		2.51
12	2.45	2.86	3.25	3.74	3.13	2.41				3.63		2.32
13	2.90	2.87	3.46	3.95	3.32	2.28				2.49		2.19
14	2.31	2.76	3.49	3.32	2.94	2.78				2.99		2.48
15	2.83	2.98	3.78		3.32		3.04			2.73		2.49
16	3.33	3.03	4.77	3.19	2.08	2.26	3.23			2.60	2.53	2.61
17	2.92	2.67	5.30	3.27	2.72	2.31	2.83			2.72	2.06	2.85
18	2.96	2.60	3.41		2.82	3.45	3.01			2.32	2.28	2.63
19	2.54	3.69	3.44	3.75	2.44	3.07	3.23			1.98	2.09	2.32
20	2.86	3.00	3.05	2.58	3.45	3.08	2.78	2.80		2.18	2.14	2.31
21	2.69	2.78	3.28	2.97	3.53	3.10	2.79	2.84		3.41	2.29	2.39
22	3.73	2.74	3.16		3.85	2.49	2.78	2.83		2.21	2.90	1.94
23	3.38	3.22	2.73		3.63	2.58	2.61	3.13		2.61	2.35	2.16
24	2.94	2.82	2.64		4.05	3.33	3.36	1.97		2.98	1.93	2.54
25	3.21	2.56	3.16		3.67	3.51		2.03		2.72	2.51	2.24
26		3.85	3.92		2.70	2.33	3.00	2.48		2.39	2.38	2.25
27			3.20		2.77	2.43		2.59		1.57	2.46	4.19
28		3.19	2.99		3.20	2.50		4.03	2.67	2.25	1.99	2.26
29		3.16	3.57		3.67	2.77		3.40	2.92	2.28	2.34	2.15
30			4.02	4.08	2.70	1.88	2.97	3.50	3.14	2.92	2.76	2.36
31			2.74		4.44		2.81	3.07		3.43		2.18
Monthly mean	2.84	3.09	3.43	3.42	3.11	2.84	3.05	2.81		2.55	2.39	2.44

CINCINNATI

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	2.03		2.06	1.86	2.32	2.46	2.24	2.14	2.20	2.58	2.98	
2	2.44		2.18	2.11	3.01	2.31	3.05	2.63	2.18		3.20	3.03
3	2.56		2.07	1.93	2.88	2.52	1.86	2.90	2.52		2.35	2.93
4	2.18			1.58	2.23	3.53	3.13	2.10	2.23		3.46	2.17
5	2.62			1.92	1.72	4.17	3.22	2.52	2.16	3.34	4.57	1.87
6			2.33	2.29	2.39	4.00	2.19	2.10	2.41	2.12	3.55	2.57
7			2.75	3.20	1.94	4.59	2.28		3.48	2.34	2.56	2.49
8	2.34	2.38	3.75	2.11	1.93	4.08	2.35	2.48	2.98	2.81	2.28	2.20
9		2.09	2.84	2.81	1.95	3.32	2.18	2.38	2.19	3.81	2.59	2.53
10		1.97	2.09	3.59	2.68	2.70	2.98	2.15		2.56		2.04
11	2.67	1.88	1.92	2.60	2.00	2.72	3.16	1.69	2.60	4.01		2.58
12	2.54		1.82	2.33	2.01	2.03	4.15	2.01	2.78	3.67	2.03	2.13
13	2.68	2.37	1.84	2.66	3.27	1.99	2.57	2.56	4.32	4.56	2.56	1.96
14		2.35	2.53	1.96	2.12	2.44	1.77	2.38		4.18	2.65	2.06
15		2.25	2.51	2.26	2.08	2.20		2.37		3.76	2.69	
16			3.03	3.25	1.73	1.60		1.94	2.18	3.16	2.40	2.70
17	2.46	2.06	4.51	2.44	2.50	1.90		1.98	2.06	2.27	2.47	3.42
18	4.59	2.49	5.08	2.48	2.07	2.45		2.17	2.04	2.57	2.08	2.74
19	3.73	2.71	3.28	2.57	1.92	2.30		2.33	2.06	3.72	2.06	2.32
20	3.62	2.39	2.75	2.36	1.99	1.82	1.75	2.08	2.92	3.22	2.41	2.09
21	3.41	2.81	2.47	2.74	2.33	2.76	1.99	2.22	3.83	4.45	2.40	2.11
22	3.48	2.96	2.19	3.15	3.37	2.36		3.21	3.62	2.51	4.11	2.11
23	2.80	3.55	1.75	2.22	2.12	2.00		3.67	4.18	3.08	2.92	1.98
24		4.00	2.09	1.92	2.26	1.93		3.05	3.02	3.65	2.38	2.24
25			2.45	2.19	1.91	1.75	2.58		2.29	2.29	3.27	2.20
26			2.39	2.87	1.84	1.77	2.08	2.36	2.50	2.56	2.45	2.27
27		3.40	2.79	2.35	1.99	1.60	3.06	2.46	3.58	2.20	2.64	2.55
28		2.23	2.53	3.35	2.22	1.74	1.80	2.67		2.10	1.90	1.86
29		1.99	2.47	3.03	3.01	1.87	2.38	2.80		2.63	2.10	2.12
30			2.27	2.36	2.20	1.85	1.90	3.17		4.42	2.56	2.44
31			1.94		2.84		2.04	3.25		4.56		2.05
Monthly mean	2.91	2.56	2.56	2.48	2.27	2.80	2.47	2.48	2.77	3.22	2.69	2.32

Table 8-6 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1	2.97		3.35	2.94	2.15	2.28	3.00	2.29	2.07	2.41	3.11	
2			2.93	2.74	2.02	2.10	3.32	2.60	1.90		2.61	
3	3.12		2.81		2.10	2.36			2.54	3.26	3.21	
4	3.32		3.06		2.13	2.56		1.76	2.66	3.02	3.49	
5	2.91		2.95	3.49	1.77	2.67		2.36	2.05	2.74	2.51	
6	2.83	3.91	3.83	2.81	1.83	1.95		2.26		2.83	2.49	
7	4.95	5.72	3.34	2.42	1.85	2.63		2.40	1.69	3.59	3.56	
8	4.11	[illegible].02	2.86		2.58	1.90		2.37	1.67	2.76	3.09	
9	3.61	4.26	3.06		2.11	1.81		2.30	2.96	2.78	2.44	
10	6.41	3.67	2.50		2.14	2.47		1.93	2.37	4.26	1.93	5.15
11	4.47	3.02	2.99		1.87	2.47		1.88	2.40	3.22	3.03	2.51
12	3.65	3.10	3.06		1.96	2.76		3.21	2.76	4.01	2.74	1.71
13	5.38	3.33	3.44		1.74	2.38		3.11	2.54	2.73	2.86	2.60
14	3.30	3.58	2.65		1.94	2.03		2.74	2.03	2.41	2.88	5.17
15	5.45	4.17	3.01	2.77	1.84			2.23	1.80	2.51	4.23	3.43
16	6.24	3.42	4.15	2.35	2.19			2.00	2.02	2.40	2.50	5.09
17	3.60	3.39	2.53	2.96	1.85	3.13			2.24	3.00	2.01	4.06
18	4.31		2.82		1.65				2.87		3.41	2.56
19	4.80	3.10	2.95	2.92	1.61	2.65		2.24	2.26	3.22	3.47	2.90
20	4.67	3.68		2.38	2.06	2.34	2.73	2.60	2.68	2.95	6.05	2.77
21	4.19	5.17		2.18		2.36	2.76	2.21	2.14	2.66	3.88	
22	5.02	3.85	2.77	2.54	2.06	2.39		2.41	1.83	2.90	2.63	
23	4.52	3.75	2.55	2.21	2.04			1.98	3.11	2.45	2.00	
24	4.15	3.20	2.56	2.17	2.61	2.36			2.58	3.49	2.60	6.40
25	3.28	2.91	2.64	1.91	2.34	2.31			2.98	3.75	3.31	3.15
26	3.25	3.14	2.38	2.07	2.08	2.89			2.84	2.72	3.23	3.67
27	3.14	3.66	2.74	1.92	2.15	3.28		2.75	3.00	2.72	3.34	2.57
28		3.27	2.77	1.46	2.41	3.18		2.54	2.36	3.58	2.10	2.60
29		3.30	2.85	2.14	2.97	3.47		2.62	2.34	3.32	3.10	2.24
30			2.49	2.23	2.24		2.44	3.20	3.36	2.66	4.24	2.46
31			2.20		2.39		1.96	2.69		2.46		
Monthly mean	[illegible]	3.74	2.90	2.39	2.08	2.47		2.47	2.40	2.99	3.06	3.37

PHILADELPHIA

Date	Jan	Feb	March	April	May	June	July	Aug.	Sept	Oct	Nov	Dec
1	1.37	2.33	1.73	1.75	1.91		1.63	2.50	2.86	2.51	4.42	
2	2.07	2.29	1.75	2.72	1.96	2.75	1.30	2.04	2.63			
3	3.54	1.78	1.44	2.31	2.70	3.23	1.38	2.06				
4	2.77	1.69	1.79	1.74	1.67	2.44	1.08	1.70				
5	1.09	2.19	1.77	1.64	1.64	2.59	1.29	1.80				
6	2.76	2.45	2.59	1.86	1.65	3.67	1.70	1.99				
7		2.85	1.89		1.79	3.75	1.32	1.99	2.43			
8		1.69	3.67	2.79	1.83	2.28	1.86	1.83	2.66			
9	2.38	1.96	3.89	2.13	1.77	1.87	1.83	2.40	2.63			
10	1.07		4.23	2.10	2.54	2.13	1.77	1.55	2.22			
11	0.35		1.91	1.90	2.25		1.92	1.22	2.18			
12	0.72	2.13	2.80	2.06	2.23	2.49	2.11	2.18	2.14			
13	0.63		2.41	3.10	1.85	1.63	2.04	2.30	2.20			
14	0.12		1.92	1.81	2.03	1.85	1.68	2.13	2.46			
15	0.60		2.30	1.40	2.37	2.79	2.23	1.72	2.33			
16	0.31		1.93	1.90	1.96	2.01	2.05	2.68	2.66	4.77		
17	2.18		1.36	2.03	1.80	1.52	2.44	2.55	3.41			
18	4.30		1.35	2.21		1.41	3.10	1.54	3.13			
19	4.40		2.01		1.67	1.66	1.82	1.68				
20	2.79	1.96	2.61		1.50		1.03	2.25				
21	3.74	1.72	4.31		1.82	1.73	1.04	1.75	2.44			
22	2.39	1.83	2.54	1.96	1.77		1.79	2.28	2.56			
23	2.06	2.12		1.88	3.17		1.71	1.80	2.59			
24	1.59	1.80	1.67	1.56	2.71		2.55	2.38				
25	1.10	1.45	2.00	1.51	1.86		2.21	2.26				
26	1.59	1.90	2.09	1.98			1.74	1.46				
27	2.90	3.65	2.44	2.14		1.86	1.62	1.50	2.35			
28	4.09	2.68	4.51	1.89	2.08	1.62	1.38	1.80	1.80			
29	2.57	2.55	3.63	2.56	2.24	1.92	1.67	2.[illegible]7	1.81			
30	2.76		2.08	2.37			1.90	2.[illegible]0	2.13			
31	2.23		2.24		1.84		1.82	2.66				
Monthly mean	2.20	2.15	2.43	2.01	2.02	2.25	1.78	2.03	2.45			

Table 8-6 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan	Feb.	March	April	May	June	July	Aug	Sept	Oct	Nov.	Dec
1	3.00	6.14	3.98	2.84	3.37		3.52	2.66	3.15	3.10	2.65	
2	3.71	3.65	6.14	3.15	3.72	7.27	3.33	3.31	3.19	2.98	2.71	
3	3.49	4.43	3.25	2.95	2.95	5.18	3.60	1.81	3.36	2.21	1.59	
4	3.16	2.01	3.34	2.80	3.51	4.48	4.27	1.95	3.06	2.81	2.39	2.18
5	3.97	2.58	3.52	3.36	6.22	4.44	3.82	2.41	2.76	2.87	3.95	1.55
6	3.69	4.31	5.09	3.90	4.83	4.33	2.72	2.09	2.81	2.42	1.78	2.65
7	3.50	3.12	4.80	3.44	4.56	4.43	3.11	2.50	2.46	3.38	1.35	2.23
8	3.87	3.45	3.67		5.47	4.90	3.15	3.01	1.74	2.70	1.55	2.05
9	4.02	3.96	4.37	3.05	2.85	4.49	3.23	2.26	1.58	2.94	2.01	2.37
10	4.41	3.57	2.52	3.25	2.85	4.25	2.85	1.45	1.22	2.14	2.27	2.86
11	3.65	3.20		3.97	2.33	3.13	3.22	1.77	4.22	2.46	1.86	2.85
12	4.35	3.21		4.22	3.29	2.94	4.20	2.29	7.09	3.01	2.65	2.50
13	5.06	3.56	4.02	4.60	5.45	3.80	2.84	2.53	6.04	2.88	3.25	1.97
14	4.18	3.67	4.29	3.62	7.73	4.19	2.23	2.35	5.29	3.16		1.55
15	4.79	3.72	6.47	4.19	4.30	3.37	2.91		4.45	2.89		1.42
16	5.31	4.69	7.82	3.76	3.09	2.84	3.15			2.71	2.20	2.29
17	5.52	3.60	5.16	3.92	2.81	3.47	2.82	3.06	4.04	2.46	2.25	1.82
18	7.57	4.09	4.60	2.87	3.13	4.02	2.65	3.01	3.50	2.74	1.91	2.20
19	9.76	6.06	6.60	4.35	3.00	3.30	2.83	2.97	3.61	3.11	1.96	1.84
20	6.43	6.09	3.47	2.93	3.32	3.36	2.52	2.91	4.49	3.13	2.29	2.03
21	6.97	3.30	3.47	2.92	3.49	3.52	3.09	3.73	3.96	2.99	.76	2.05
22	8.06	3.64	3.65	3.67	3.24	3.50	3.10	2.64	4.20	2.25	3.48	1.95
23	5.19	4.00	2.82	2.88	3.25	3.55	2.96	2.47	3.99	2.69	2.32	1.89
24	4.28	5.14	4.06	2.57	3.55	3.57	2.67	1.89	3.67	1.99	2.14	1.81
25	4.10	4.67	3.90		3.89	3.26	2.67	1.89	3.57	2.72	2.90	1.61
26	4.01	4.49	3.93		3.89	2.97	2.61	2.96	3.10	2.98	2.25	2.08
27	4.02	3.95	3.48	2.52	3.38	3.10		2.60	4.92	2.53		2.35
28	3.78	4.15	3.67	.77	3.56	3.71		2.76	3.83	2.75		
29	4.62	3.59	3.39	3.56		3.46	2.98	2.91	3.52	3.13		1.85
30	4.54		3.05	4.82	2.85	3.48	2.79	3.20	3.92	2.82		2.50
31	4.75		2.34		3.26		2.81	2.94		3.08		2.03
Monthly mean	4.79	4.01	4.17	3.49	3.77	3.98	3.06	2.55	3.63	2.78	2.33	2.03

WASHINGTON

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	2.20	2.45	1.50	1.77	1.62	1.32	2.39	1.95	2.10	2.83		2.10
2		2.71	1.83	2.08	1.82	1.63	2.40	2.03	2.71	2.16		2.19
3		2.32	1.80	1.76	2.49	1.99	2.22	1.91	3.13	2.11		2.71
4	2.02	2.40	2.01	1.81	2.08	2.06	2.00	1.92	2.57	2.00		1.98
5	2.77	2.77	2.59	1.83	1.75	3.66	2.22	2.34	2.90	2.59		1.68
6	3.23	3.28	2.25	1.76	1.87	2.07	1.93	2.20	2.19	3.57		2.18
7	2.73	3.47	1.92	1.82	2.67	1.86	1.87	1.99	2.28	2.19		2.01
8	3.08	1.99	2.49	2.42	2.75	1.45	1.91	1.99	3.36	2.27		1.73
9	3.17	2.02	2.79	2.36	2.09	1.57	1.86	2.23	2.74	2.32		1.72
10	2.95	1.84	2.04	2.33	2.49	1.45	1.84	1.96	2.12	2.32		1.88
11	3.08	1.91	1.69	2.52	2.15	1.35	1.83	1.77	2.13	2.37		2.16
12		2.05	2.13	3.29		1.65	1.87	2.20	1.99	2.13		1.97
13		2.17	1.92	2.41	1.95	1.63	1.84	1.84	2.27	2.34		1.90
14	2.05	2.25	2.28	3.71	2.04	1.86	1.77	2.24	2.54	2.45		2.15
15	2.35	2.57	2.10	1.64	2.09	2.16	2.34	2.04	2.94	2.76		1.69
16	2.55	2.43	1.99	1.93	2.43		1.94	2.21	2.78	3.10		1.81
17	2.69	2.76	1.84	1.90	2.15		2.17	2.35	3.11	2.57		2.08
18	4.37	2.13	1.81	1.89	2.13	1.59	2.29		2.46	2.37		2.83
19	5.72	2.52	2.12	2.19	1.65		2.16	1.89	2.27	2.08		2.90
20		2.99	2.13	1.66	1.64	1.93	2.05	2.09	3.57	2.14		2.90
21	3.87	2.73	2.24	1.48	1.76	2.05	2.11	2.24	4.38	2.42		
22	3.06	1.98	2.01	1.52	1.64	1.96	1.84	2.58	2.34	4.26		
23	3.20	2.24	1.16	1.52	1.96	1.90	1.96	2.12	2.52	2.17		2.41
24	2.83	2.10	1.15	2.05	1.67	2.20	2.38	2.15	2.52	2.32		1.98
25	2.93	1.89	1.44	1.54	1.38	2.55	2.45	2.00	2.94	1.85		1.99
26	3.17	2.39	1.47	1.74	2.61	1.83	2.06	1.89	2.71	1.76	2.17	1.75
27			3.12	1.96		1.69	1.78	1.91	2.55	1.70	2.37	1.94
28		2.48	2.96			1.98	1.73	2.21	2.44		2.24	1.82
29		1.94	3.12	1.84		1.95	2.06	2.49	2.47		2.03	1.62
30	3.48		1.82	1.74		2.26	2.06	2.97	2.81		1.96	1.94
31	3.01		1.94		1.26		2.13	3.29				2.00
Monthly mean	3.04	2.34	2.05	2.02	2.01	1.90	2.04	2.17	2.66	2.41		2.06

Table 8-7. TOTAL OXIDANTS, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan	Feb.	March	April	May	June	July	Aug	Sept.	Oct	Nov.	Dec.
1			0.000	0.016		0.032	0.016	0.030	0.018	0.017	0.019	0.017
2			0.000	0.014		0.023	0.032	0.032	0.027	0.012	0.032	0.028
3			0.000	0.017				0.046	0.031	0.009	0.028	0.013
4			0.014	0.011	0.031	0.030		0.076	0.027	0.010		
5			0.016	0.007	0.017	0.043	0.017	0.024	0.032	0.008		
6			0.025	0.014	0.028	0.030	0.014					
7			0.030	0.021	0.032	0.051	0.017	0.038	0.024			
8			0.045	0.007	0.027	0.039	0.034	0.035	0.028			
9		0.000	0.031	0.007	0.020	0.061	0.052	0.073	0.015		0.003	
10		0.000	0.019		0.033	0.026	0.070	0.021	0.022			
11		0.000	0.012	0.021	0.039	0.020	0.074	0.032	0.031	0.022		0.009
12		0.000	0.008	0.024	0.045		0.049	0.049	0.045	0.036		0.025
13		0.000	0.000	0.033	0.046		0.056	0.044	0.051	0.025	0.025	0.000
14			0.000		0.027	0.030	0.037	0.034	0.036		0.035	0.000
15			0.014	0.017	0.028		0.032	0.036	0.031		0.037	0.000
16		0.000	0.025		0.016		0.047	0.046		0.015	0.032	0.001
17		0.000	0.030		0.032			0.050		0.011	0.017	0.005
18		0.000	0.016	0.030	0.025			0.040	0.022	0.009	0.017	0.017
19		0.000	0.021	0.018	0.023	0.042	0.113	0.036		0.011	0.003	
20		0.000	0.010	0.015	0.032	0.040	0.060	0.052	0.030	0.014	0.001	0.003
21			0.009	0.024	0.028	0.029		0.039	0.019	0.023	0.012	0.002
22			0.003		0.027	0.028	0.036	0.053	0.026	0.011	0.024	
23	0.000		0.001		0.027		0.048			0.007	0.020	
24		0.000	0.004		0.038	0.017	0.035		0.016	0.011		
25		0.003	0.011		0.036	0.010	0.041		0.018	0.007		
26			0.030		0.020	0.015			0.024	0.006	0.027	
27	0.000		0.028		0.017	0.010		0.027	0.020	0.013	0.033	
28	0.006	0.000	0.015		0.019	0.021		0.037	0.022		0.021	
29	0.006	0.000	0.017	0.033	0.026	0.021		0.039	0.025		0.020	
30			0.017	0.032	0.030	0.028		0.040	0.016		[illegible]	
31			0.012		0.052		0.058	0.032				
Monthly mean			0.015	0.019	0.029	0.029	0.044	0.041	0.027	0.014	0.021	

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1				0.026	0.040	0.018	0.022				0.031	
2	0.016			0.027	0.029	0.026					0.015	
3	0.013			0.029		0.029					0.017	
4				0.025		0.024	0.030					
5				0.022	0.029	0.028	0.035					
6						0.035	0.025					
7						0.054	0.027		0.031		0.010	
8						0.037	0.020		0.023		0.015	
9				0.025		0.047	0.014		0.019			
10				0.025		0.054	0.020		0.009		0.019	
11						0.043						
12							0.030					
13						0.017	0.030					
14			0.014		0.040						0.015	
15							0.012				0.018	
16				0.023			0.016				0.014	
17				0.021						0.023	0.012	
18										0.020	0.013	
19			0.024							0.026	0.017	
20		0.022	0.013							0.021	0.012	
21		0.021	0.006			0.009				0.027		
22		0.001	0.009		0.029	0.013				0.023		
23		0.004	0.027		0.019	0.016			0.021		0.031	
24		0.014	0.030		0.016	0.016			0.018		0.016	
25		0.017	0.022							0.016		
26		0.012	0.033	0.006	0.024	0.012				0.019		
27			0.029		0.020	0.007		0.026				
28			0.029	0.041	0.011	0.020		0.032				
29			0.031	0.022	0.015			0.049			.011	
30			0.038		0.025			0.030		0.030		
31			0.025		0.028					0.050		
Monthly mean						0.027					0.017	

Table 8-7 (continued). TOTAL OXIDANTS, DAILY AVERAGES, 1968

(ppm)

DENVER

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.010	0.028		0.051	0.041	0.048				0.024	0.018	0.021
2	0.005	0.010		0.043						0.035	0.023	0.018
3	0.015	0.010		0.038	0.037		0.044			0.032	0.025	0.026
4		0.019			0.043		0.042			0.039	0.020	0.032
5	0.027	0.013		0.055	0.052	0.046	0.031			0.033	0.016	0.018
6	0.009	0.020		0.047	0.039	0.033	0.046		0.036	0.031	0.015	0.023
7	0.017	0.029		0.057	0.043		0.053			0.035	0.019	0.019
8	0.011	0.016		0.030	0.034		0.037			0.029	0.022	0.016
9				0.040	0.042		0.062		0.040	0.035	0.019	0.010
10				0.041	0.030		0.075		0.041	0.028	0.022	0.026
11		0.032		0.051	0.034	0.070	0.051		0.031			0.018
12			0.026	0.043			0.052		0.018	0.039	0.025	0.035
13			0.026	0.039					0.023	0.021	0.017	0.016
14			0.036	0.052	0.043				0.026		0.016	0.008
15	0.032		0.023	0.043	0.039		0.058		0.037	0.029		0.013
16	0.034		0.023	0.035	0.016		0.057	0.038	0.030	0.024	0.019	0.006
17	0.020	0.013	0.031	0.027	0.028		0.061	0.031	0.026	0.028	0.021	0.014
18		0.026	0.033	0.022			0.047	0.033		0.012	0.011	0.011
19			0.032				0.059	0.028		0.039	0.014	0.012
20		0.018					0.055	0.029				0.005
21		0.021		0.029	0.041			0.051		0.028		0.004
22		0.023		0.026	0.043			0.030		0.039		0.010
23	0.023			0.036	0.039				0.041	0.035		
24	0.015		0.038	0.035	0.033				0.032	0.044	0.015	0.040
25	0.017			0.040	0.043				0.028	0.069	0.026	0.017
26	0.092		0.043	0.037	0.041				0.027		0.014	0.010
27	0.014			0.032	0.038				0.031		0.013	0.017
28	0.016		0.043		0.041				0.025		0.025	
29	0.019		0.039	0.044	0.042				0.032		0.017	0.009
30	0.021		0.047	0.042	0.047				0.029		0.024	0.003
31	0.019		0.048		0.036							0.008
Monthly mean												

PHILADELPHIA

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.019	0.017		0.016			0.007	0.022	0.015	0.033		0.011
2	0.001	0.023	0.018	0.018		0.023	0.007	0.020	0.017			
3	0.020			0.006		0.023			0.038	0.025		
4	0.027		0.014	0.006				0.025		0.017		
5	0.010	0.009	0.031	0.015				0.035	0.027	0.017		
6	0.012	0.006	0.019	0.018			0.030	0.033	0.023	0.030		
7	0.036	0.011	0.018	0.016					0.030	0.022		
8		0.003	0.028				0.050	0.033	0.043	0.040		
9	0.003		0.058				0.034	0.014	0.030	0.025		
10	0.002		0.081				0.011	0.028	0.017	0.018		
11			0.032					0.022	0.016			
12		0.000	0.026			0.010		0.036	0.010	0.014	0.008	
13	0.012	0.003	0.030			0.016		0.023			0.010	
14	0.027	0.006	0.014			0.019	0.031				0.010	
15	0.017	0.011	0.033	0.012		0.043	0.028				0.008	
16	0.010		0.037			0.043					0.007	
17	0.006	0.002	0.027			0.011	0.038	0.018		0.019	0.013	
18	0.034		0.029	0.041		0.035	0.058	0.023		0.007		0.021
19	0.036	0.014	0.038	0.043				0.017		0.004		
20	0.028	0.007	0.042	0.037				0.004	0.045			
21	0.031	0.006	0.041	0.030			0.030	0.01[illegible]	0.044		0.021	0.028
22	0.013		0.026	0.023				[illegible]				
23	0.017		0.018	0.024					0.049			
24	0.011		0.025	0.025		0.032			0.047		0.018	0.022
25	0.011	0.013	0.032	0.019		0.026	0.019	0.026				
26	0.005		0.034	0.036		0.008	0.030		0.028		0.012	
27	0.018		0.038	0.025		0.001	0.026		0.041			0.022
28	0.019		0.028			0.002	0.022		0.027			
29	0.024	0.041	0.020				0.014	0.024	0.022		0.021	
30	0.030		0.026				0.033	0.015	0.029		0.016	0.015
31	0.016		0.028									
Monthly mean	0.016	0.010	0.031	0.023			0.026	0.025	0.029			

Table 8-7 (continued). TOTAL OXIDANTS, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov.	Dec
1		0.030		0.021		0.019				0.025	0.032	
2				0.026	0.022	0.043	0.017	0.033		0.026		
3	0.015	0.014	0.013	0.020		0.032	0.015			0.021	0.014	
4	0.013	0.011	0.008		0.024	0.031	0.032			0.022		
5	0.007	0.005	0.020	0.030	0.018	0.036	0.032			0.025	0.040	
6	0.009	0.009	0.020	0.031	0.025	0.029	0.037		0.019	0.022	0.024	0.011
7	0.003	0.016		0.046	0.029	0.028			0.023	0.025	0.014	0.015
8	0.003	0.018			0.031			0.019	0.025	0.025	0.012	0.013
9	0.022	0.012	0.030	0.023	0.024	0.039	0.037	0.042	0.008	0.022		
10	0.003	0.011		0.033	0.011				0.013	0.037		
11	0.010	0.012	0.025	0.030	0.015		0.041		0.021	0.024	0.012	
12	0.024	0.012	0.027	0.040	0.035		0.025			0.018	0.018	
13	0.012	0.014	0.026	0.036	0.010		0.024				0.024	
14	0.019	0.021	0.034	0.028	0.013		0.009	0.020			0.023	
15	0.028	0.024	0.036	0.023		0.036	0.006	0.025				
16	0.027	0.026	0.021	0.024					0.029	0.018		
17	0.033	0.020	0.037				0.017		0.027	0.013		
18		0.018				0.020			0.031		0.019	
19		0.020	0.037	0.025	0.018	0.034	0.021		0.042		0.035	
20	0.005		0.020		0.017	0.040			0.050	0.016	0.036	
21	0.007	0.009	0.019	0.030	0.014	0.031	0.037					
22	0.010	0.008	0.021		0.007	0.031			0.019	0.015		
23	0.017	0.010	0.022		0.005	0.029	0.020		0.025			
24	0.007	0.021	0.026		0.005	0.008	0.011		0.026			
25	0.012	0.023	0.030		0.006				0.028	0.013		
26	0.034	0.023	0.043		0.015	0.008	0.024		0.024			
27	0.039	0.019	0.039		0.020	0.013			0.046			
28	0.026	0.018	0.033	0.030	0.018	0.017		0.030	0.026	0.019		
29		0.015	0.027	0.024	0.019				0.034	0.022		
30	0.019		0.023		0.031		0.030		0.028	0.036		
31	0.021		0.016		0.019		0.017	0.016		0.041		
Monthly mean	0.016	0.016	0.026	0.029	0.018	0.028	0.023		0.027	0.023		

WASHINGTON

Date	Jan	Feb.	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.001	0.013	0.019	0.024		0.055	0.054	0.033	0.019			
2		0.014	0.018	0.018		0.034	0.033	0.034	0.028	0.035		
3	0.010	0.015	0.019	0.017		0.022	0.026	0.050	0.031	0.026		
4	0.008	0.015	0.006	0.017			0.040	0.032	0.045	0.020		
5	0.000	0.008	0.010	0.024		0.095	0.056			0.025		
6	0.003	0.009	0.017			0.063	0.052	0.036	0.019	0.041		
7	0.002	0.014	0.011			0.051	0.058	0.035	0.043	0.015		
8	0.000	0.002	0.017	0.022		0.018	0.043	0.071	0.068	0.029		
9	0.000	0.010	0.041	0.031		0.017	0.037	0.054	0.052	0.024		
10	0.000	0.001	0.030	0.023		0.022	0.040	0.036	0.012	0.015		
11	0.000	0.002	0.025	0.024		0.005	0.034	0.034	0.020	0.012		
12		0.000	0.018	0.041		0.006	0.028	0.048	0.023			
13	0.008	0.000	0.015	0.034		0.012	0.019	0.047	0.036			
14	0.024	0.000	0.017	0.053		0.023	0.024	0.027	0.039	0.019		
15	0.008	0.007	0.024	0.020		0.054	0.033	0.059	0.057	0.028		
16	0.004	0.009	0.024	0.026		0.053	0.036	0.041		0.024		
17	0.004	0.011	0.022	0.034		0.013	0.043	0.028		0.015		
18	0.032	0.003	0.027	0.037		0.036	0.047	0.063		0.011		
19	0.034	0.000	0.024	0.045		0.030	0.023	0.041		0.008		
20	0.016	0.008	0.022	0.035		0.026	0.018	0.031		0.027		
21	0.020	0.003	0.025	0.025		0.030	0.049	0.039		0.022		
22	0.013		0.035	0.018		0.051	0.039	0.060		0.046		
23	0.009	0.003	0.027	0.029		0.066	0.044	0.057	0.075	0.028		
24	0.001	0.006	0.030	0.013		0.044	0.035	0.054	0.040	0.017		
25	0.001		0.034			0.035	0.026	0.043	0.025	0.013		
26	0.004	0.008	0.035	0.024		0.020	0.039	0.023	0.030	0.014		
27	0.011	0.002	0.044	0.020		0.015	0.021	0.020	0.045	0.018		
28	0.007	0.004	0.038	0.032		0.013	0.037	0.034	0.039			
29	0.006	0.008	0.031			0.039	0.039	0.054	0.028			
30	0.016		0.037		0.033	0.045	0.048	0.045	0.034			
31	0.010		0.035		0.042		0.037	0.058				
Monthly mean	0.009	0.007	0.026	0.027		0.035	0.037	0.043	0.036	0.022		

Table 8-8. NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALASKA FAIRBANKS SITE 01	68	21	34	56	67	69	92	99	104	124	142	159	269	107	96	1.64
ARKANSAS EL DORADO SITE 01	68	25	58	72	79	89	93	108	113	127	130	154	157	108	104	1.33
CALIFORNIA ANAHEIM SITE 01	68	25	126	149	168	180	193	219	250	300	452	574	747	299	258	1.69
SAN BERNARDINO SITE 01	68	24	107	139	146	178	225	231	245	293	350	374	465	247	229	1.49
SAN DIEGO SITE 01	68	24	65	75	112	135	143	151	188	214	273	401	776	211	171	1.91
SAN FRANCISCO SITE 01	68	22	70	95	123	157	165	191	193	242	298	403	481	218	192	1.67
SAN JOSE SITE 02	68	26	102	117	149	159	165	178	226	291	312	364	657	231	208	1.56
COLORADO DENVER SITE 02	68	25	40	90	119	143	146	170	173	224	244	261	304	174	158	1.63
CONNECTICUT BRIDGEPORT SITE 01	68	25	56	111	137	166	169	199	209	262	313	330	347	212	194	1.58
HARTFORD SITE 01	68	21	42	47	63	68	95	111	148	167	210	235	269	133	112	1.85
NEW HAVEN SITE 01	68	25	76	145	150	157	159	178	212	241	267	309	311	202	191	1.41
DELAWARE NEWARK SITE 01	68	24	62	83	104	112	114	128	150	157	195	209	265	141	133	1.42
WILMINGTON SITE 01	68	21	56	72	163	169	180	182	214	232	259	269	336	197	179	1.64
DC WASHINGTON SITE 02	68	25	55	107	122	133	152	188	199	238	258	283	346	190	175	1.55
FLORIDA MIAMI SITE 02	68	26	40	58	93	103	115	122	149	171	172	203	265	136	123	1.60
TAMPA SITE 02	68	22	52	89	111	119	129	130	156	168	180	200	313	150	138	1.53
GEORGIA ATLANTA SITE 01	68	26	119	142	165	180	185	190	202	239	270	341	478	220	209	1.38
ILLINOIS CHICAGO SITE 02	68	25	170	201	221	236	253	274	319	343	371	417	529	299	287	1.34
INDIANA EAST CHICAGO SITE 01	68	25	58	68	79	113	132	147	152	182	203	236	299	152	139	1.56
EVANSVILLE SITE 02	68	25	22	34	34	54	57	63	67	74	76	84	107	60	56	1.49
INDIANAPOLIS SITE 01	68	26	62	129	150	165	182	182	185	195	210	272	297	186	178	1.37
IOWA DES MOINES SITE 01	68	26	17	87	93	105	122	124	129	146	157	207	254	131	120	1.64
DUBUQUE SITE 01	68	24	52	101	113	143	151	167	192	198	212	229	359	171	159	1.49

*Data contributed by state or local agency.

Table 8-8 (continued). NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KANSAS WICHITA SITE 01	68	26	12	62	68	79	85	108	119	130	142	168	223	108	96	1.75
KENTUCKY COVINGTON SITE 01	68	26	46	162	173	180	194	200	214	247	251	263	289	206	197	1.42
LEXINGTON SITE 01	68	26	89	97	113	115	125	138	151	161	171	194	263	145	140	1.31
LOUISVILLE SITE 01	68	26	72	130	146	155	184	235	241	255	270	330	389	217	202	1.49
LOUISIANA IBERVILLE COUNTY SITE 01	68	25	56	68	69	80	90	102	107	118	121	131	163	99	96	1.32
MASSACHUSETTS SPRINGFIELD SITE 02	68	28	41	114	154	175	190	203	223	249	283	329	494	217	197	1.61
WORCESTER SITE 01	68	26	22	66	135	139	146	153	175	206	242	266	320	171	152	1.76
MICHIGAN DETROIT SITE 01	68	26	99	146	181	212	235	243	255	265	290	349	443	244	232	1.40
FLINT SITE 01	68	25	68	129	133	145	159	185	191	208	211	236	259	177	171	1.34
GRAND RAPIDS SITE 01	68	24	102	118	124	148	158	173	189	197	206	232	301	174	168	1.31
MINNESOTA MINNEAPOLIS SITE 01	68	25	64	85	100	115	129	137	142	166	190	217	220	143	136	1.39
MISSOURI KANSAS CITY SITE 01	68	24	58	62	95	131	139	155	170	187	199	229	252	156	145	1.53
ST LOUIS SITE 02	68	26	101	117	151	175	202	212	229	247	268	296	413	217	204	1.43
NEBRASKA OMAHA SITE 01	68	24	38	91	107	114	119	135	146	153	172	178	209	135	129	1.42
NEW JERSEY BURLINGTON COUNTY SITE 02	68	26	84	112	121	134	146	149	172	193	206	283	319	170	161	1.39
CAMDEN SITE 01	68	24	127	146	167	180	211	242	248	262	283	288	373	228	219	1.33
GLASSBORO SITE 01	68	25	19	31	36	85	94	112	135	144	145	197	247	110	90	2.06
NEWARK SITE 01	68	22	111	151	194	199	212	227	262	304	315	351	484	257	241	1.45
PATERSON SITE 01	68	24	114	124	136	173	206	218	244	301	327	409	499	242	221	1.55
NEW MEXICO ALBUQUERQUE SITE 01	68	24	62	73	85	100	107	111	121	124	133	154	161	112	108	1.30
NEW YORK BUFFALO SITE 01	68	25	39	51	72	107	118	132	142	157	181	293	343	149	128	1.79
ROCHESTER SITE 01	68	26	124	147	155	159	168	178	186	197	200	209	286	180	177	1.20
SYRACUSE SITE 01	68	22	41	98	122	130	142	159	192	210	251	280	339	176	157	1.69

*Data contributed by state or local agency.

Table 8-8 (continued) NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK UTICA SITE 01	68	25	34	56	62	76	93	109	113	130	150	198	320	117	103	1.68
NORTH CAROLINA DURHAM SITE 01	68	25	102	104	118	140	152	175	208	219	245	304	371	192	179	1.67
GREENSBORO SITE 02	68	25	57	108	119	132	151	188	214	239	244	268	302	186	172	1.56
OHIO AKRON SITE 01	68	23	79	85	138	163	194	209	222	242	268	284	349	201	187	1.52
CANTON SITE 01	68	26	111	143	152	157	180	183	217	230	232	242	301	194	189	1.29
CINCINNATI SITE 01	68	25	47	139	177	184	188	196	205	219	233	246	259	194	186	1.41
SITE 03	68	26	96	128	135	152	164	176	186	209	216	258	294	181	174	1.32
CLEVELAND SITE 01	68	25	130	152	163	186	206	236	239	262	269	284	336	224	217	1.29
COLUMBUS SITE 01	68	23	134	148	153	165	186	203	203	220	229	251	291	198	193	1.24
DAYTON SITE 01	68	25	34	46	52	58	60	71	76	86	112	133	169	79	73	1.51
TOLEDO SITE 01	68	23	41	108	115	141	152	167	173	204	213	236	314	170	158	1.52
YOUNGSTOWN SITE 01	68	25	76	114	130	148	155	168	180	225	225	238	312	181	172	1.61
OKLAHOMA OKLAHOMA CITY SITE 01	68	26	34	73	114	138	155	168	178	223	229	247	339	170	153	1.70
TULSA SITE 01	68	25	57	63	71	81	90	100	115	135	141	157	159	106	101	1.61
PENNSYLVANIA ALLENTOWN SITE 01	68	25	22	81	86	108	120	131	141	155	197	247	327	145	129	1.72
PITTSBURGH SITE 01	68	25	96	161	169	180	212	228	238	307	331	402	414	240	233	1.45
READING SITE 01	68	24	101	147	158	171	185	196	208	232	278	288	370	210	201	1.35
WARMINSTER SITE 01	68	25	45	70	85	90	107	119	123	138	167	192	202	124	115	1.50
WEST CHESTER SITE 01	68	26	53	65	96	102	117	124	128	137	146	162	269	124	116	1.43
YORK SITE 02	68	25	114	129	137	151	157	170	178	212	220	257	261	181	176	1.28
PUERTO RICO BAYAMON SITE 02	68	26	38	45	65	67	85	90	95	108	116	125	155	89	83	1.45
RHODE ISLAND PROVIDENCE SITE 01	68	23	39	125	142	152	168	175	195	210	250	264	313	186	174	1.52
TENNESSEE MEMPHIS SITE 01	68	25	62	92	126	134	140	151	169	203	208	238	404	170	157	1.51
NASHVILLE SITE 01	68	26	62	124	151	165	170	171	196	213	230	255	393	190	181	1.40
TEXAS DALLAS SITE 02	68	23	45	104	118	128	195	207	225	237	242	264	295	188	171	1.62
EL PASO SITE 01	68	24	23	70	100	117	118	125	140	142	159	192	310	133	121	1.65
FT WORTH SITE 01	68	25	39	85	92	116	130	161	174	186	199	233	284	155	141	1.60

*Data contributed by state or local agency.

Table 8-8 (continued). NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS SAN ANTONIO SITE 01	68	23	60	76	80	95	99	107	114	143	176	190	259	125	116	1.47
UTAH SALT LAKE CITY SITE 01	68	24	61	90	102	117	119	136	153	155	224	278	330	158	144	1.54
VIRGINIA NORFOLK SITE 01	68	26	51	90	124	128	146	165	174	188	205	244	292	164	153	1.49
RICHMOND SITE 02	68	25	109	140	152	163	167	176	197	214	242	269	295	192	186	1.29
WASHINGTON SEATTLE SITE 01	68	22	49	121	125	161	167	177	186	199	233	280	315	180	167	1.53
WEST VIRGINIA CHARLESTON SITE 01	68	26	101	131	146	161	170	175	195	237	285	326	342	206	193	1.40
WISCONSIN MILWAUKEE SITE 01	68	24	96	132	141	161	174	180	203	235	296	315	330	205	194	1.40
WYOMING CASPER SITE 01	68	22	33	39	45	47	52	53	60	63	76	91	116	60	56	1.40

*Data contributed by state or local agency.

Table 8-9. NITROGEN DIOXIDE, NONURBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE KENT COUNTY SITE 01	68	24	39	63	71	75	81	84	86	87	105	124	167	89	85	1,37
INDIANA MONROE COUNTY SITE 01	68	23	28	34	46	48	52	54	56	65	79	85	109	58	55	1,42
MAINE HANCOCK COUNTY SITE 01	68	26	23	34	34	38	40	45	47	50	52	67	81	46	44	1,31
SOUTH DAKOTA CUSTER COUNTY SITE 01	68	22	22	29	29	34	40	45	46	56	58	67	88	46	43	1,43
VIRGINIA PAGE COUNTY SITE 01	68	25	23	34	42	51	53	56	62	79	79	108	167	65	60	1,55

*Data contributed by state or local agency.

Table 8-10. NITROGEN DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	138	436
Site 03	1968	13	133	348
Arizona				
Phoenix				
Site 02	1968	23	123	389
California				
Long Beach				
Site 01	1968	22	97	853
Indiana				
New Albany				
Site 02	1968	22	70	319
Louisiana				
New Orleans				
Site 02	1968	21	17	279
Maryland				
Baltimore				
Site 01	1968	22	37	273
Massachusetts				
Boston				
Site 01	1968	22	34	242
Missouri				
St Louis				
Site 01	1968	20	91	376
New Jersey				
Jersey City				
Site 01	1968	23	71	239
New York				
Albany				
Site 01	1968	21	65	313
New York City				
Site 01	1968	21	109	563
Oregon				
Portland				
Site 01	1968	22	50	270
Pennsylvania				
Lancaster				
Site 01	1968	21	103	337
Philadelphia				
Site 01	1968	21	24	426
Puerto Rico				
Guayanilla				
Site 01	1968	18	24	128

Table 8-10 (continued). NITROGEN DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Tennessee				
Chattanooga				
Site 01	1968	25	35	450
Texas				
Houston				
Site 01	1968	23	2	39
Pasadena				
Site 01	1968	21	80	251

[a] Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples.

Table 8-11. SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALASKA FAIRBANKS SITE 01	68	22	2	5	5	6	7	8	9	9	10	11	22	8	7	1.69
ARIZONA PHOENIX SITE 02	68	26	4	4	5	7	7	9	9	10	11	18	42	10	9	1.75
ARKANSAS EL DORADO SITE 01	68	26	3	4	5	5	9	9	11	15	16	38	75	16	10	2.20
CALIFORNIA ANAHEIM SITE 01	68	26	5	6	7	7	9	11	15	18	21	27	38	15	12	1.82
LONG BEACH SITE 01	68	22	7	14	18	25	33	38	61	67	76	125	160	56	41	2.32
SAN BERNARDINO SITE 01	68	26	4	4	5	7	9	9	11	12	13	15	25	10	9	1.66
SAN DIEGO SITE 01	68	24	4	4	5	7	7	9	11	12	16	23	31	11	9	1.90
SAN FRANCISCO SITE 01	68	23	3	4	4	6	7	7	8	11	18	21	58	12	9	2.08
SAN JOSE SITE 02	68	26	3	4	4	5	7	7	9	9	9	11	17	8	7	1.60
COLORADO DENVER SITE 02	68	24	4	5	9	13	14	14	16	17	21	40	43	17	14	1.87
CONNECTICUT BRIDGEPORT SITE 01	68	25	9	15	23	35	42	47	56	82	140	187	302	79	53	2.55
HARTFORD SITE 01	68	22	6	7	13	13	27	46	67	82	90	122	167	56	35	2.94
NEW HAVEN SITE 01	68	25	21	33	38	41	59	87	96	122	134	224	436	109	81	2.17
DELAWARE NEWARK SITE 01	68	25	4	7	9	11	11	14	16	30	36	63	108	26	18	2.25
WILMINGTON SITE 01	68	21	7	13	20	28	32	36	51	76	102	127	254	64	47	2.63
DC WASHINGTON SITE 02	68	26	4	7	15	20	32	39	45	80	110	187	197	66	38	3.07
FLORIDA MIAMI SITE 02	68	26	2	4	4	4	5	6	7	7	10	16	21	7	6	1.79
TAMPA SITE 02	68	25	4	4	9	9	11	14	18	19	22	49	89	20	16	2.28
GEORGIA ATLANTA SITE 01	68	25	3	8	9	11	11	18	20	36	53	85	96	31	21	2.53
ILLINOIS CHICAGO SITE 02	68	23	16	43	49	55	126	139	200	277	315	326	419	176	125	2.55
INDIANA EAST CHICAGO SITE 01	68	25	24	28	34	37	39	40	48	71	112	167	289	75	56	2.03
EVANSVILLE SITE 02	68	26	4	9	11	11	15	15	18	29	40	58	60	24	18	2.10
INDIANAPOLIS SITE 01	68	25	4	9	20	26	27	35	38	46	53	67	115	39	31	2.23
NEW ALBANY SITE 02	68	24	7	11	11	14	19	23	42	55	95	111	147	45	29	2.57
IOWA DES MOINES SITE 01	68	25	4	4	5	7	7	8	9	13	18	23	33	11	9	1.89

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m3														Std geo dev
			Min	Frequency distribution percentiles									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
IOWA DUBUQUE SITE 01	68	26	3	4	5	5	8	9	11	13	20	32	50	13	10	2.12
KANSAS WICHITA SITE 01	68	26	3	4	4	4	6	7	7	9	10	11	12	7	6	1.56
KENTUCKY COVINGTON SITE 01	68	25	7	7	14	22	22	24	29	33	52	82	127	36	27	2.19
LEXINGTON SITE 01	68	26	3	4	5	7	9	11	15	18	23	31	114	17	11	2.37
LOUISVILLE SITE 01	68	26	7	14	22	27	39	45	53	68	77	130	152	56	43	2.22
LOUISIANA IBERVILLE COUNTY SITE 01	68	25	4	5	5	7	7	7	7	9	11	12	44	10	8	1.76
NEW ORLEANS SITE 02	68	22	3	4	4	7	7	8	9	11	13	19	49	11	8	2.00
MASSACHUSETTS SPRINGFIELD SITE 02	68	26	11	18	26	31	56	63	73	80	115	185	474	86	58	2.36
WORCESTER SITE 01	68	25	5	18	22	31	40	56	76	106	116	131	181	69	49	2.58
MICHIGAN DETROIT SITE 01	68	25	11	26	32	37	40	48	64	93	110	123	186	66	56	1.98
FLINT SITE 01	68	26	4	9	12	15	16	21	23	25	28	39	71	23	19	1.90
GRAND RAPIDS SITE 01	68	26	6	7	11	11	16	16	17	21	26	39	77	22	17	1.93
MINNESOTA MINNEAPOLIS SITE 01	68	26	5	5	5	8	11	11	18	28	35	94	100	28	16	2.81
MISSOURI KANSAS CITY SITE 01	68	26	3	4	5	6	7	9	10	12	17	20	44	11	9	1.95
ST LOUIS SITE 01	68	22	11	39	46	70	80	87	100	118	126	131	193	91	78	1.92
SITE 02	68	25	14	28	29	47	53	62	90	98	135	171	300	86	66	2.11
NEBRASKA OMAHA SITE 01	68	26	3	4	7	7	7	8	9	11	16	33	71	15	10	2.21
NEW JERSEY BURLINGTON COUNTY SITE 02	68	26	8	10	16	18	31	39	61	71	78	106	187	52	36	2.56
CAMDEN SITE 01	68	25	7	27	53	71	81	97	121	188	199	259	296	126	92	2.57
GLASSBORO SITE 01	68	26	4	6	8	9	11	13	19	32	35	73	120	25	17	2.67
JERSEY CITY SITE 01	68	25	4	4	4	5	7	7	9	9	11	29	66	12	8	2.16
NEWARK SITE 01	68	25	12	24	27	45	66	94	100	149	183	229	297	112	79	2.50
PATERSON SITE 01	68	25	18	30	33	36	45	58	73	90	116	157	381	89	65	2.17
NEW MEXICO ALBUQUERQUE SITE 01	68	26	4	4	4	5	5	6	7	7	8	8	10	6	6	1.36
NEW YORK BUFFALO SITE 01	68	26	5	5	7	12	14	18	23	29	33	44	166	27	18	2.40
ROCHESTER SITE 01	68	26	7	14	19	22	24	31	39	47	70	91	151	44	33	2.13

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK SYRACUSE SITE 01	68	22	4	7	9	17	19	20	25	34	42	74	88	29	21	2.32
UTICA SITE 01	68	27	3	5	9	10	13	18	28	39	52	55	116	29	19	2.60
NORTH CAROLINA DURHAM SITE 01	68	25	4	6	7	9	11	12	13	22	33	67	85	21	14	2.61
GREENSBORO SITE 02	68	25	2	4	5	9	11	17	22	29	38	50	56	21	14	2.68
OHIO AKRON SITE 01	68	24	16	21	25	38	55	63	74	82	133	159	185	76	59	2.15
CANTON SITE 01	68	26	12	30	35	37	38	46	58	73	96	122	184	64	53	1.88
CINCINNATI SITE 01	68	26	6	7	11	14	18	18	26	32	39	61	114	29	21	2.23
SITE 03	68	26	4	7	15	17	24	27	36	38	59	76	93	35	26	2.37
CLEVELAND SITE 01	68	26	15	32	41	44	70	82	91	116	117	176	194	86	71	1.96
COLUMBUS SITE 01	68	23	7	10	16	14	18	21	29	37	40	43	44	26	22	1.82
DAYTON SITE 01	68	26	2	4	4	4	5	6	7	9	9	12	19	7	6	1.70
TOLEDO SITE 01	68	23	5	10	13	18	29	35	43	48	50	56	173	37	28	2.20
YOUNGSTOWN SITE 01	68	26	13	16	19	21	26	31	39	45	58	75	144	43	35	1.93
OKLAHOMA OKLAHOMA CITY SITE 01	68	27	2	6	6	6	7	7	8	9	11	12	30	9	7	1.82
TULSA SITE 01	68	25	2	6	6	6	6	7	8	9	9	13	16	8	7	1.67
OREGON PORTLAND SITE 01	68	25	3	7	9	11	14	15	16	27	33	68	121	25	17	2.31
PENNSYLVANIA ALLENTOWN SITE 01	68	23	6	7	9	11	27	31	51	56	88	108	207	44	29	2.97
PHILADELPHIA SITE 01	68	24	19	28	32	36	49	59	76	113	137	186	[illegible]	90	68	2.23
PITTSBURGH SITE 01	68	25	9	37	40	45	47	56	64	82	100	189	244	76	60	2.08
WARMINSTER SITE 01	68	25	7	9	11	11	16	16	18	19	39	63	142	25	18	2.02
WEST CHESTER SITE 01	68	26	5	6	7	8	9	9	11	14	18	23	37	12	11	1.67
YORK SITE 02	68	26	13	18	27	30	42	46	66	70	85	142	142	66	40	2.10
PUERTO RICO BAYAMON SITE 02	68	25	5	6	6	6	7	7	7	8	8	9	16	7	7	1.31
GUAYANILLA SITE 01	68	24	3	6	6	7	7	7	7	8	9	14	21	8	7	1.63
RHODE ISLAND PROVIDENCE SITE 01	68	23	5	7	7	11	21	28	42	57	75	209	245	56	28	3.35
TENNESSEE MEMPHIS SITE 01	68	26	3	6	6	7	7	9	9	12	14	18	23	10	9	1.75

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m^3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TENNESSEE NASHVILLE SITE 01	68	26	4	5	9	11	14	16	21	36	41	59	135	29	19	2.55
TEXAS DALLAS SITE 02	68	25	3	4	4	7	7	7	7	9	10	12	14	8	7	1.55
EL PASO SITE 01	68	25	4	5	7	11	13	16	18	35	46	78	124	29	18	2.67
FT WORTH SITE 01	68	26	2	4	4	4	7	7	7	9	9	13	15	7	6	1.64
PASADENA SITE 01	68	24	2	4	4	7	7	7	12	15	24	29	56	16	10	2.25
SAN ANTONIO SITE 01	68	24	4	4	4	5	5	5	7	7	9	11	13	7	6	1.44
UTAH SALT LAKE CITY SITE 01	68	24	2	4	5	7	9	10	14	22	26	33	62	17	12	2.40
VIRGINIA NORFOLK SITE 01	68	26	7	9	18	22	23	25	33	49	62	68	93	36	29	2.06
RICHMOND SITE 02	68	25	10	13	14	18	19	21	27	58	71	90	113	40	30	2.17
WASHINGTON SEATTLE SITE 01	68	25	7	9	11	16	18	21	23	34	37	54	68	26	22	1.90
WEST VIRGINIA CHARLESTON SITE 01	68	26	5	9	10	15	19	22	31	32	45	63	74	29	22	2.14
WISCONSIN MILWAUKEE SITE 01	68	24	7	9	13	14	25	28	40	44	56	91	118	38	28	2.25
WYOMING CASPER SITE 01	68	26	4	5	5	7	7	7	9	9	11	15	28	9	8	1.59

*Data contributed by state or local agency.

Table 8-12. SULFUR DIOXIDE, NONURBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, μg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE KENT COUNTY SITE 01	68	25	3	3	4	9	11	14	15	18	21	28	44	15	12	2.16
INDIANA MONROE COUNTY SITE 01	68	23	3	4	5	5	7	8	9	11	14	18	26	10	8	1.75
MAINE HANCOCK COUNTY SITE 01	68	26	2	4	4	4	6	7	8	9	11	11	13	7	6	1.64
SOUTH DAKOTA CUSTER COUNTY SITE 01	68	24	3	3	4	4	4	5	7	7	7	9	13	6	5	1.51
VIRGINIA PAGE COUNTY SITE 01	68	25	3	4	5	5	5	7	8	9	11	15	63	10	8	1.91

*Data contributed by state or local agency.

Table 8-13. SULFUR DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	4	41
Site 03	1968	13	4	93
Maryland				
Baltimore				
Site 01	1968	21	6	272
Massachusetts				
Boston				
Site 01	1968	22	2	246
New York				
Albany				
Site 01	1968	21	3	198
New York City				
Site 01	1968	17	53	653
Pennsylvania				
Lancaster				
Site 01	1968	22	2	69
Reading				
Site 01	1968	4	7	249
Tennessee				
Chattanooga				
Site 01	1968	25	4	91
Texas				
Houston				
Site 01	1968	22	103	409

[a] Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples.

Table 8-14. SOILING INDEX, DAILY AVERAGES, 1968
(Cohs/1000 lineal feet)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	2.57	2.21	2.02	1.31	1.09	1.03	0.68	0.56	0.64	0.86	1.09	1.14
2	2.70	1.77	1.35	1.66	1.81	0.67	0.66	1.09	0.70	0.86	1.29	2.12
3	1.74	1.67	1.47	1.42	1.49	1.41	0.92	1.12	1.06	0.86	0.56	2.21
4	1.68	0.80	2.23	1.44	1.06	0.97	0.77	1.01	1.21	1.58	0.93	1.56
5	1.84	2.36	1.98	0.91	0.43	1.26	0.78	0.89	0.99	1.51	1.37	1.72
6	2.03	3.58	0.92	1.63	1.40	1.30	0.64	0.77	1.11	1.23	0.96	1.87
7	1.97	2.35	1.86	1.16	1.07	1.32	0.86	0.96	1.17	1.43	1.01	1.89
8	2.99	2.18	2.38	1.42	0.92	1.49	1.11	1.09	0.70	1.45	1.66	1.96
9	2.09	1.76	1.81	1.47	1.06	1.44	0.75	1.38	0.90	1.51	1.48	2.99
10	1.96	1.82	0.91	1.36	1.14	1.23	0.57	0.52	1.07	1.73	1.50	1.75
11	0.85	1.71	0.98	1.50	0.88	0.89	1.03	0.64	1.24	2.48	1.94	1.67
12	1.32	2.02	1.37	0.99	0.91	0.75	1.62	1.01	1.87	2.29	1.81	1.18
13	1.04	2.24	1.83	0.97	1.52	0.79	1.12	0.99	2.10	1.19	1.96	1.19
14	1.19	2.28	1.64	0.84	1.21	0.95	0.55	0.84	1.27	1.10	1.72	1.64
15	1.70	2.56	1.48	1.36	1.37	0.75	0.82	1.05	1.33	0.82	1.69	1.90
16	2.25	2.16	2.53	1.33	0.75	0.50	0.84	0.99	1.06	1.03	1.10	2.61
17	1.56	1.35	2.57	1.44	1.29	0.78	0.76	0.78	0.76	0.92	1.44	2.61
18	1.63	1.72	1.74	1.46	1.16	1.49	1.09	0.56	1.07	0.99	1.99	1.69
19	1.48	2.85	1.47	1.22	1.04	1.37	0.91	0.75	1.12	1.07	1.45	1.42
20	1.68	1.82	1.09	0.84	1.60	1.28	0.65	0.85	1.61	1.37	1.57	1.76
21	2.37	1.87	1.11	0.68	1.73	1.08	0.98		1.71	1.84	1.54	1.72
22	1.72	[illegible]	1.43	1.10	1.52	0.56	0.68	0.86	1.32	1.13	2.22	0.93
23	1.70	2.19	[illegible]	[illegible]	1.20	1.02	0.90	1.05	1.31	1.79	1.60	1.50
24	2.31	0.97	1.29	1.17	[illegible]	1.30	1.19	0.58	1.04	1.72	1.56	1.74
25	2.57	0.70	1.34	1.55	1.02	0.98		0.56	1.26	1.71	2.18	2.06
26	2.06	2.73	1.69	2.31	0.88	0.76		0.63	1.75	1.48	1.88	1.83
27	2.14	2.22	1.35	1.54	1.09	0.96		0.66	1.50	0.79	[illegible]	2.38
28	1.97	1.78	1.28	0.83	1.33	0.82		1.29	1.22	1.62	0.86	1.32
29	2.25	2.10	1.65	2.06	1.46	0.76	0.55	1.31	1.73	1.69	1.56	1.56
30	1.06		1.98	1.52	1.14	0.41	0.99	1.38	1.29	2.03	1.65	1.52
31	2.62				2.00		0.75	1.45		1.91		1.39
Monthly mean	1.85	1.94	1.06	1.27	1.18	.96	.80	.86	1.20	1.37	1.43	1.72

CINCINNATI

Date	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.84	0.98		0.64	1.06	0.89	0.57	0.38	0.41	1.01	0.81	0.62
2	1.49	0.58		1.04	1.28	0.48	0.81	0.80	0.41	0.48	0.71	0.87
3	1.12	0.69		1.12	1.17	0.76	0.37	0.62	0.81	0.42	0.63	1.33
4	0.75	0.89		0.65	0.66	1.12	0.73	0.38	0.46	0.78	1.27	0.56
5	1.25	0.90		1.01	0.54	1.50	0.69	0.84	0.37	1.35	1.97	0.43
6	1.29	2.72		1.12	1.26	1.37	0.53	0.44	0.41	0.71	1.68	0.72
7	0.67	2.15		1.52	0.81	1.66	0.38	0.58	0.82	0.69	1.02	0.57
8	1.06	0.96		0.85	0.90	1.50	0.46	0.62	0.88	0.64	0.65	0.61
9	1.31	0.81		1.27	0.82	1.04	0.45	0.45	0.65	1.39	0.57	0.97
10	1.07	0.65		1.63	1.29	1.13	0.79	0.49	0.54	0.87	0.85	0.63
11	1.29	0.75		1.36	0.73	0.91	0.76	0.42	0.55	1.46	1.08	1.28
12	1.34	0.77	0.98	1.15	0.77	0.56	1.04	0.38	0.72	0.97	0.79	0.81
13	0.93	1.00	1.09	[illegible]	1.65	0.59	0.51	0.66	1.59	1.12	1.01	0.57
14	1.29	1.08	2.13	0.67	0.87	1.06	0.31	0.58	1.39	1.28	1.20	0.61
15	1.09	0.92	1.67	0.79	0.75	0.63	0.56	0.58	0.83	1.06	0.87	0.56
16	2.20	1.36	1.65	1.56	0.69	0.56	0.40	0.40	0.58	0.63	0.60	1.58
17	1.79	0.50	2.18	1.35	0.86	0.53	0.43	0.37	0.65	0.65	0.53	2.09
18	2.61	0.71	2.73	1.33	0.78	1.19	0.49	0.44	0.54	0.71		1.41
19	1.67	1.10	1.98	1.07	0.41	0.70	0.67	0.52	0.44	1.07		0.85
20	1.54	0.79	1.49	0.96	0.81	0.67	0.46	0.58	0.48	0.86		0.54
21	0.77	0.96	1.28	0.61	0.73	0.76	0.43	0.69	1.06	1.73		0.48
22	1.25	1.53	1.10	1.03	1.70	0.60	0.58	0.92	0.83	1.10		0.59
23	0.62	1.67	0.81	0.87	0.85	0.33	0.35	0.70	0.80	0.94		0.59
24	0.72	1.73	1.14	0.60	0.87	0.31	0.55	0.56	0.80	1.53		0.53
25	1.79	1.08		0.82	0.54	0.39	0.65	0.33	0.58	0.63	1.32	0.67
26	1.89	2.68	1.44	1.49	0.66	0.42	0.36	0.36	0.87	0.85	0.90	0.93
27	2.06	1.66	1.31	1.06	0.62	0.23	0.72	0.50	1.10	0.44	0.86	0.93
28		1.04	0.90	1.36	0.87	0.31	0.39	0.63	1.31	0.54	0.49	0.48
29			0.84	1.33	1.19	0.40	0.60	0.57	0.63	0.87	0.49	0.42
30			0.89	0.96	0.72	0.39	0.66	0.98	1.30	1.93	0.61	0.90
31	1.06		0.65		0.98		0.39	0.97		2.08		0.52
Monthly mean	1.25	1.11	1.32	1.02	.83	.71	.48	.51	.72	.94	.86	.76

Table 8-14 (continued). SOILING INDEX, DAILY AVERAGES, 1968

(Cohs/1000 lineal feet)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept	Oct	Nov.	Dec.
1	1.46	0.78				0.39	0.18	0.53	0.32	0.57		0.69
2	1.82	1.21				0.34	0.35	0.72	0.26	0.46		1.39
3	2.06	1.22				0.46	0.61	0.37	0.62	0.61		0.75
4	1.40	0.64	0.47			0.50	0.40	0.32	0.68	0.72	1.26	0.83
5	1.29	1.10	0.48			0.64	0.50	0.60	0.50	0.47	0.74	1.43
6	1.11	0.83	0.54			0.63	0.41	0.54	0.54	0.48	0.75	0.96
7	2.52	1.68	1.15			0.75	0.27	0.67	0.40	0.76	1.04	1.06
8		1.36	0.69			0.46	0.50		0.49	0.59		0.88
9	1.41	1.55	0.76			0.32	0.44		0.97	0.55		1.53
1 10	3.05	1.07	0.89			0.50	0.55		0.76	1.02		1.83
1 11	1.70	0.66	0.82			0.50	0.41		0.65	0.88	1.03	0.67
1 12	1.49	0.91	1.13			0.47	0.46	0.38	0.79	0.94	0.91	0.50
1 13	2.05	1.16	1.06			0.47	0.41	0.44	0.79	0.52	0.86	1.09
1 14	0.93	1.32	0.73			0.47	0.32	0.52	0.47	0.55	1.00	2.31
1 15	1.70	1.81	0.68			0.33	0.63	0.45	0.47	0.68	2.13	
1 16	2.11	1.67	1.17			0.31	0.49	0.43	0.55	0.68	0.93	2.24
1 17	1.41	1.14	0.48				0.52	0.39	0.57	0.63	0.59	1.80
1 18	1.16	1.11	0.86				0.60	0.56	0.74	0.99	1.57	1.05
1 19	1.48		0.74				0.45	0.65	0.62	1.02	1.45	1.48
2 20	1.35		0.90		0.32 0.41		0.38	0.67	0.76		2.75	1.10
2 21	0.97		0.70		0.40		0.29	0.58	0.72	0.70	1.74	0.93
2 22	1.10		0.78		0.60		0.41	0.50	0.35	0.96	1.44	0.68
2 23	1.13		0.61		0.43		0.57	0.39	0.59	0.74	0.88	2.22
2 24	1.21		0.51				0.46	0.24	0.43	1.14	1.07	2.25
2 25	0.95		0.58		0.30 0.41	0.20	0.49	0.27	0.52	1.42	1.28	1.12
2 26	0.83		0.48		0.51	0.25	0.52	0.29	0.60	0.97	1.33	1.52
2 27	0.91		0.76		0.65	0.24	0.29	0.39	0.64	0.75	1.57	0.96
2 28	0.96		0.70		0.32	0.31		0.47	0.49	1.19	0.65	0.41
2 29	1.14		0.78			0.24	0.49	0.48	0.31	0.99	1.29	0.72
3 30	1.99		0.58		0.42	0.21	0.55	0.71	0.78	0.85	1.25	1.18
3 31	0.88						0.42	0.48				1.61
Monthly mean	1.41	1.13	.68			.37	.40	.42	.53	.73	1.17	1.21

PHILADELPHIA

Date	Jan.	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec.
1	0.65	0.99	1.16	0.74	0.90	0.55	0.60	0.67	0.62	1.20	2.16	0.93
2	2.52	1.28	1.33	0.93	0.85	0.86	0.61	0.61	0.50	0.98	1.30	1.40
3	2.03	0.80	0.82	1.20	1.35	1.19	0.61		1.34	0.83	0.91	1.78
4	1.42	0.51	1.10	1.15	0.64	1.10	0.44		1.22	0.49	0.91	0.94
5	0.96	0.99	1.25	0.74	0.69	1.00	0.51	0.77	0.75	0.51	1.04	0.60
6	1.26	1.03	1.83	0.76	0.51	1.40	0.54	0.75	0.51	0.78	0.78	0.81
7	1.07	1.32	0.97	0.76	0.84	1.33	0.56	0.60	0.69	0.70	0.57	0.89
8	0.69	0.51	2.49		0.87	0.68	0.51	0.85	0.88	0.72	0.65	0.29
9	1.16	1.13	2.64		1.07	0.42	0.77	0.73	0.71	0.78	0.64	0.55
1 10	1.00	0.94	2.89		1.16	0.63	0.56	0.44	0.46	0.69	0.54	0.86
1 11	0.82	0.76	0.93	0.80	0.76	0.67	1.55	0.37	0.59	1.16	0.92	2.07
1 12	1.00	0.81	1.29	0.99	0.79	0.81	0.71	0.82	0.57	0.54	0.62	2.10
1 13	1.11	0.78	1.70	1.66	0.72	0.55	0.95	0.80	0.69	0.75	0.65	1.59
1 14	0.79	1.43	1.07	1.25	0.73	0.80	0.44	0.95	0.79	0.96	0.97	1.10
1 15	1.34	1.58	1.21	0.83	0.86	1.10	0.73	0.66	0.64	2.35	1.86	0.63
1 16	0.50	1.34	0.97	0.56	1.01	0.67	0.90	1.21	1.11	1.68	1.38	0.96
1 17	1.57	1.90	0.76	0.86	1.03	0.60	1.45	0.63	1.39	1.44	1.19	1.41
1 18	2.58	1.15	0.67	1.23	1.22	0.52	1.22	0.54	1.17	0.77	1.19	2.11
1 19	2.58		0.98	1.65	0.59	0.55	0.70	0.49	1.14	0.37	0.76	2.69
2 20	1.74	1.31	1.70	0.97	0.68	0.48	0.40	0.81	1.09	0.52	0.83	1.83
2 21	1.62	1.03	3.03		0.79	0.56	0.54	0.64	0.86	0.61	1.01	0.70
2 22	1.79	1.31	1.60	0.83	0.56	0.71	0.64	0.94	0.47	1.10	1.25	0.98
2 23	1.62	1.54	0.91	0.73	1.56	0.32	0.71	0.60	0.76	1.05	1.28	1.17
2 24	0.65	0.85	1.11	0.71	1.20	0.73		0.59	0.77	0.83	1.05	0.61
2 25	1.08	0.77	0.96	0.85	0.84	0.86		0.41	0.58	0.69	0.60	0.30
2 26	1.15	1.20	1.10	1.07	0.75	0.64		0.49	0.71	0.51	1.07	0.71
2 27	1.97	3.01	1.29	1.06	0.51	0.53		0.39	0.63	0.49	1.39	1.16
2 28	2.22	2.32	3.04	0.72	0.69	0.51		0.73	0.40	0.82	1.05	1.85
2 29	1.54	1.83	2.67	1.41	1.01	0.62		0.57	0.50	0.73	0.57	0.55
3 30	1.35		0.71	1.49	0.63	0.36	0.80	0.86	0.72	0.80	0.44	0.61
3 31	0.78		0.71	.95	0.69		0.78	0.98		1.03		0.79
Monthly mean	1.32	1.19	1.40		.80	.69	.70	.64	.72	.82	.93	1.08

Table 8-14 (continued). SOILING INDEX, DAILY AVERAGES, 1968
(Cohs/1000 lineal feet)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.66	0.76	0.74	0.48				0.55	0.65	0.73	0.61
2	1.82	0.58	0.55	1.09	0.80				0.42	0.61	0.72	0.94
3	1.11	1.32	0.33	1.00	0.45				0.77	0.63	0.49	0.81
4	1.16	1.10		0.58	0.55				0.64	0.69	1.22	1.20
5	1.33	1.04		0.56	0.48	0.80			0.51	0.78	2.04	1.23
6	1.50	1.22		0.99	0.96	0.61			0.61		0.89	1.76
7	1.17	0.61		0.61	0.77	0.63			0.45		0.54	0.84
8	1.88	0.66		0.64	0.49	0.62			0.38		0.43	1.01
9	1.68	0.79		0.66	0.46	0.55			0.33		0.62	1.01
10	1.56	0.43		0.80	0.50				0.46		1.22	1.33
11	2.17	0.49		0.81	0.40				0.46		0.59	1.07
12	1.83	0.51		0.81	0.55	0.50			0.91	0.71	1.10	0.90
13	1.21	0.55		0.58		0.40			0.93	0.59	0.88	0.41
14	0.93	0.66		0.30		0.46			0.70	0.75	1.01	0.59
15		0.62	0.93	0.76		0.35			0.57	0.81	0.76	0.69
16	1.95	0.77	1.00	0.96		0.18	0.74		0.69	0.75	0.50	1.55
17	1.75	0.41	0.60	0.65		0.47	0.53		0.46	0.59	0.58	1.10
18	1.83	0.73	0.95	0.64		0.46	0.36		0.44	0.75	0.48	1.27
19	1.70	1.08	1.05	0.98		0.59	0.51		0.79	0.89	0.43	0.58
20	1.38	0.65	0.58	0.42		0.64	0.56		0.96	1.05	0.71	0.97
21	1.09	0.53	0.78	0.53	0.50	0.43	0.57		0.51	0.97	0.89	1.12
22	2.38	0.63	0.48	0.68	0.90	0.40	0.70	0.64	0.53	0.54	1.41	0.45
23	0.75	1.00	0.54	0.42	0.68	0.27		0.60	0.64	0.90	0.58	0.44
24	1.35	0.94	0.62	0.49	0.62			0.34	0.44	0.58	0.49	0.59
25	0.92	1.07	0.80	0.56	0.53			0.20	0.71	0.89	1.22	0.65
26	1.13		1.00	0.75	0.30			0.52	0.48	0.67	0.77	1.08
27	0.87	0.55	0.69	0.58	0.58			0.41	1.15	0.66	0.74	0.99
28	0.58	0.49	0.72	0.61	0.41			0.66	0.60	0.44	0.51	0.44
29	0.69	0.54	0.80	0.65	0.38			0.97	0.65	0.91	0.78	0.62
30	0.94		0.60	0.61	0.51			0.69	0.70	1.10	1.60	1.28
31	0.83		0.44		0.51			0.41		1.24		0.62
Monthly mean	1.31	.69	.67	.63	.51	.45			.57	.71	.78	.86

WASHINGTON, D. C.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.23	0.99	1.82	0.60	0.83	0.65	0.90	0.94	0.52	1.18		0.86
2	2.26	1.49	1.44	0.95	0.88	0.74	1.01	1.66	0.65	1.10		1.26
3	2.33	1.02	0.97	1.06	1.47	1.09	0.65	0.56	1.28	1.29		1.71
4	2.01	0.95		1.01	0.85	0.80	0.61	0.65	1.29	0.66		0.74
5	1.21	1.29	2.02	1.02	0.77	1.50	0.56	1.12	1.28	0.99		0.71
6	1.89	1.84	2.04	0.49	0.71	1.16	0.52	1.13	0.66			0.95
7	1.31	2.26	1.17	0.53	1.12	1.03	0.67	0.92				1.03
8	1.40	1.19	1.93	1.28	1.43	0.66	0.87	1.10				0.76
9	1.82	1.77	2.19	1.02	1.01	0.58	0.85	0.99				0.82
10	1.83	1.06	1.90	1.07	0.93	0.76	0.96	0.75	0.53	0.58		0.85
11	1.43	0.94	1.13	1.16	1.01	0.65	0.79	0.46	1.03	0.69		1.48
12	1.73	1.54	1.41	1.43	0.69	0.71	0.66	1.38	0.84	0.67		1.21
13	1.61	1.25	1.24	1.24	0.89	0.73	0.59	0.81	1.16	0.87		1.01
14	0.69	1.50	1.56	1.37	0.74	0.78	0.38	1.15	1.04	1.00		0.87
15	1.65	2.20	1.13	0.78	0.74	1.05	1.15	0.98	0.79	1.19		0.53
16	1.25	1.33	1.24	0.82	1.06	0.73	0.77	1.11	1.11	1.53		0.76
17	2.01	1.82	0.79	0.98	0.92	0.51	0.86		1.59	1.11		0.90
18	3.33	1.20	0.61	1.10	0.74	0.83			0.87	0.62	0.77	1.64
19	2.68	1.59	0.81	1.22	0.53	0.86	1.37	0.60	0.91	0.50	0.66	1.85
20	2.31	1.85	1.41	0.84	0.66	0.58	0.69	0.91	1.48	0.56	0.72	1.37
21	1.80	1.61	2.13	0.58	0.79	0.65	0.70	0.98	1.63	0.91	1.03	0.75
22	2.32	1.15	1.88	0.91	0.78	0.68	0.82	1.51	1.01	1.76	1.52	0.91
23	2.10	1.48	0.55	0.78	1.29	0.64	0.68	1.00	1.44	0.92	1.38	0.71
24	1.18	1.55	0.62	0.95	0.99	0.84	1.21	0.85	1.24	1.20	0.81	0.58
25	1.34	1.15	1.16	0.77	0.55	1.05	1.10	0.78	1.00	0.77	1.06	0.62
26	1.95	1.97	1.19	0.93	0.93	0.76	1.20	0.68	1.11	0.73	1.11	0.64
27	2.97	2.90	1.98	1.12	0.52	0.59	0.49	0.65	0.97	0.58	1.65	1.23
28	2.26	3.30	1.79	0.89	0.71	0.73	0.58	0.85	0.90		0.97	0.56
29	2.01	2.15	1.34	1.05	0.62	0.70	1.13	1.18	0.62		0.60	0.53
30	1.83		0.67	1.04	0.57	0.46	1.35	1.20	0.94		0.69	
31	0.95		0.62		0.80		0.95	1.26				1.16
Monthly mean	1.79	1.55	1.31	.92	.80	.73	.78	.92	.98	.88		.92

APPENDIX A.
AIR QUALITY DATA SAMPLING SITES

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ALABAMA
 GADSDEN
  SITE 01      109 SOUTH 8TH STREET
  C1 1480 01   ETOWAH COUNTY HEALTH DEPARTMENT                  TYPE- IRC COUNTY-ETOWAH
                                                                                              25
 HUNTSVILLE
  SITE 01      BOOF OF HEALTH BLDG 304 EUSTIS AVENUE            TYPE-  RC COUNTY-MADISON
  C1 1860 01   DEPARTMENT OF PUBLIC HEALTH
                                                                                              32
 MOBILE
  SITE 01      CENTRAL FIRE STA 701 ST FRANCIS STREET           TYPE-  RC COUNTY-MOBILE
  C1 2380 01   MOBILE COUNTY BOARD OF HEALTH
                                                                                              45
 MONTGOMERY
  SITE 01      COUNTY HLTH CENTER 515 W JEFF DAVIS AVE          TYPE-  RC COUNTY-MONTGOMERY
  C1 2460 01   MONTGOMERY COUNTY HEALTH DEPARTMENT
                                                                                              40
ALASKA
 ANCHORAGE
  SITE 03      527 E 4TH
  C2 0040 03   GREATER ANCHORAGE BOROUGH HEALTH DEPARTMENT      TYPE- RC
                                                                                              28
 FAIRBANKS
  SITE 01      FAIRBANKS POST OFFICE 3RD + CUSHMAN
  C2 0160 01   ARCTIC HEALTH RESEARCH LABORATORY                TYPE- IRC
                                                                                               3
ARIZONA
 GRAND CANYON NAT PK
  SITE 01      VISITOR CENTER GRAND CANYON VILLAGE REG          TYPE-   N GRAND CANYON PARK
  C3 0200 01   NATIONAL PARK SERVICE
                                                                                               4
 MARICOPA COUNTY
  SITE 01      8102 N MUMMY MTN ROAD (SCOTTSDALE)               TYPE-   R COUNTY-MARICOPA
  C3 0440 01   MUMMY MTN ASTRONOMICAL OBSER + USWB PARADISE VALLEY STATION
                                                                                               3
 PHOENIX
  SITE 02      CO HLTH DEPT BLDG 1825 E ROOSEVELT ST            TYPE-   R COUNTY-MARICOPA
  C3 0600 02   MARICOPA COUNTY HEALTH DEPARTMENT
                                                                                              15
 TUCSON
  SITE 01      UNIVERSITY OF ARIZONA 2ND + PALM                 TYPE-  RC COUNTY-PIMA
  C3 0860 01   DEPARTMENT OF CIVIL ENGINEERING UNIVERSITY OF ARIZONA
                                                                                               1
ARKANSAS
 EL DORADO
  SITE 01      POST OFFICE BLDG  MAIN + JACKSON
  C4 0780 01   ARKANSAS POLLUTION CONTROL COMMISSION            TYPE-   C COUNTY-UNION
                                                                                              90
 LITTLE ROCK
  SITE 01      POLICE + COURTS BLDG-700 W MARKHAM
  C4 1440 01   ARKANSAS POLLUTION CONTROL COMMISSION            TYPE-   C COUNTY-PULASKI
                                                                                              40
 MONTGOMERY COUNTY
  SITE 01      FOREST RANGER STA OUACHITA NATL FOREST           TYPE-   N OUACHITA NATL FOREST
  C4 1760 01   UNITED STATES FORESTRY SERVICE
                                                                                               3
 TEXARKANA
  SITE 01      FEDERAL BUILDING POST OFFICE
  C4 2560 01   ARKANSAS POLLUTION CONTROL COMMISSION            TYPE-   C COUNTY-LAFAYETTE
                                                                                              70
 WEST MEMPHIS
  SITE 01      FIRE STATION NO 1 SEVENTH + THOMPSON             TYPE-  RC COUNTY-CRITTENDEN
  C4 2740 01   ARKANSAS POLLUTION CONTROL COMMISSION
                                                                                              30
CALIFORNIA
 ANAHEIM
  SITE 01      1010 SOUTH HARBOR BLVD
  C5 0230 01   ORANGE COUNTY APCD                               TYPE-  RC COUNTY-ORANGE
                                                                                              10
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BAKERSFIELD
 SITE 01      1120 GOLDEN STATE AVENUE                     TYPE-   C COUNTY-KERN
 C5 0520 01   CALIFORNIA AIR RESOURCES BOARD KERN COUNTY AIR POLL CONTL DEPT          0

BURBANK
 SITE 01      1508 BURBANK BOULEVARD                       TYPE-  RC COUNTY-LOS ANGELES
 C5 0900 01   LOS ANGELES AIR POLLUTION CONTROL DISTRICT                              7

FRESNO
 SITE 02      PUBLIC HEALTH BLDG 515 SOUTH CEDAR AVE       TYPE-  RC COUNTY-FRESNO
 C5 2800 02   CALIF AIR RESOURCES BOARD FRESNO AIR MONITORING                        30

GLENDALE
 SITE 01      145 NORTH HOWARD STREET                      TYPE-(*)  COUNTY-LOS ANGELES
 C5 2940 01   GLENDALE DEPARTMENT OF PUBLIC SERVICE                                 (*)

HUMBOLDT COUNTY
 SITE 01      TRINIDAD LIGHT STATION                       TYPE-   N TRINIDAD LIGHT STATION
 C5 3300 01   UNITED STATES COAST GUARD                                               5

LONG BEACH
 SITE 01      CITY HLTH DEPT BLDG 2655 PINE AVENUE         TYPE-  RC COUNTY-LOS ANGELES
 C5 4100 01   CITY DEPARTMENT OF PUBLIC HEALTH                                       25

LOS ANGELES
 SITE 01      LACAPCD HQ BLDG 434 S SAN PEDRO ST           TYPE-  IC COUNTY-LOS ANGELES
 C5 4180 01   L A COUNTY AIR POLLUTION CONTROL DISTRICT                              80

MONTEREY
 SITE 01      PROFESSIONAL BLDG 351 MADISON STREET         TYPE-   R COUNTY-MONTEREY
 C5 4940 01   MONTEREY - SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DISTRICT           65

OAKLAND
 SITE 01      COUNTY HEADQUARTERS BLDG 499 FIFTH ST        TYPE-  IC COUNTY-ALAMEDA
 C5 5300 01   ALAMEDA COUNTY HEALTH DEPARTMENT                                       62

ONTARIO
 SITE 01      ONTARIO INTERNATIONAL AIRPORT                TYPE-   C COUNTY-SAN BERNARDINO
 C5 5380 01   SAN BERNARDINO AIR POLLUTION CONTROL DISTRICT                           0
PASADENA
 SITE 01      862 EAST VILLA STREET                        TYPE-  RC COUNTY-LOS ANGELES
 C5 5760 01   L A COUNTY AIR POLLUTION CONTROL DISTRICT                               5

REDDING
 SITE 01      COUNTY HEALTH DEPT BLDG 2650 HOSPITAL LE     TYPE-   S COUNTY-SHASTA
 C5 6180 01   SHASTA COUNTY HEALTH DEPARTMENT                                         4

RIVERSIDE
 SITE 01      3575 11TH STREET MALL                        TYPE-   C COUNTY-RIVERSIDE
 C5 6400 01   RIVERSIDE COUNTY AIR POLLUTION CONTROL DISTRICT                        70

SACRAMENTO
 SITE 01      HEALTH CENTER 2221 STOCKTON BOULEVARD        TYPE-  RC COUNTY-SACRAMENTO
 C5 6580 01   SACRAMENTO COUNTY HEALTH DEPARTMENT                                    10

SALINAS
 SITE 01      COUNTY ROAD DEPT COMPLEX 312 E ALISAL ST     TYPE-   I COUNTY-MONTEREY
 C5 6620 01   MONTEREY-SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DEPARTMENT            3
SAN BERNARDINO
 SITE 01      HALL OF RECORDS 172 WEST 3RD STREET          TYPE-   C COUNTY-SAN BERNARDINO
 C5 6680 01   SAN BERNARDINO COUNTY AIR POLLUTION CONTROL DISTRICT                  110

SAN DIEGO
 SITE 01      CITY PUBLIC LIBRARY 820 E STREET             TYPE-   C COUNTY-SAN DIEGO
 C5 6800 01   COUNTY DEPARTMENT OF PUBLIC HEALTH                                     42

SAN FRANCISCO
 SITE 01      HEALTH DEPT BUILDING 101 GROVE STREET        TYPE-   C COUNTY-SAN FRANCISCO
 C5 6860 01   SAN FRANCISCO HEALTH DEPARTMENT                                        32

SAN JOSE
 SITE 02      301 SOUTH 5TH STREET                         TYPE-   C COUNTY-SANTA CLARA
 C5 6980 02   BAY AREA AIR POLLUTION CONTROL DISTRICT                                 6

SANTA ANA
 SITE 01      ROOF OF POLICE FACILITY 511 W 6TH STREET     TYPE-   C COUNTY-ORANGE
 C5 7180 01   ORANGE COUNTY AIR POLLUTION CONTROL DISTRICT                           35
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SANTA CRUZ
  SITE 01       SANTA CRUZ HOSPITAL BLDG 1080 EMELINE AVE TYPE-    R COUNTY-SANTA CRUZ
  C5 7280 01    MONTEREY - SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DISTRICT
                                                                                              4
COLORADO
 ADAMS COUNTY
  SITE 01       301EAST 72ND AVENUE
  C6 0020 01    TRI-COUNTY HEALTH DEPARTMENT                      TYPE-    I COUNTY-ADAMS
                                                                                              15
 ARAPAHOE COUNTY
  SITE 01       CHERRY CREEK DAM SO SCRANTON + FLOYD AVE  TYPE-    N SO SCRANTON + FLOYD AVE
  06 0080 01    TRI-COUNTY HEALTH DEPARTMENT
COLORADO                                                                                      4
 ARVADA
  SITE 01       7622 GRANDVIEW AVENUE
  C6 0120 01    JEFFERSON COUNTY HEALTH DEPARTMENT                TYPE-    C COUNTY-JEFFERSON
                                                                                              15
 AURORA
  SITE 01       1633 FLORENCE STREET
  C6 0140 01    TRI-COUNTY HEALTH DEPARTMENT                      TYPE-    R COUNTY-ADAMS
                                                                                              20
 BOULDER
  SITE 01       BOULDER COURTHOUSE 13TH + SPRUCE STREETS  TYPE-    C COUNTY-BOULDER
  C6 0200 01    COLORADO STATE HEALTH DEPARTMENT
                                                                                              30
 COLORADO SPRINGS
  SITE 03       WEICKER TRANSFER 205 W RIO GRANDE STREET  TYPE-    I COUNTY-EL PASO
  C6 0380 03    COLORADO STATE HEALTH DEPARTMENT
                                                                                              20
 DENVER
  SITE 01       SCHOOL ADMINISTRATION BLDG 414 14TH ST    TYPE-    C COUNTY-DENVER
  C6 0580 01    COLORADO STATE HEALTH DEPARTMENT
                                                                                              50
  SITE 02       2105 BROADWAY
  C6 0580 02    CITY OF DENVER BUILDING DEPARTMENT                TYPE-    C COUNTY-DENVER
                                                                                              9
  SITE 03       GATES MED + DENT BLDG 1000 S BROADWAY     TYPE-    I COUNTY-DENVER
  C6 0580 03    CITY OF DENVER BUILDING DEPARTMENT
                                                                                              25
  SITE 04       SEWER PLANT EAST 51ST + FRANKLIN STS      TYPE-    I COUNTY-DENVER
  C6 0580 04    CITY OF DENVER BUILDING DEPARTMENT
                                                                                              10
  SITE 06       HULL PHOTO CO 5105 E 38TH AVENUE          TYPE-    C COUNTY-DENVER
  C6 0580 06    CITY OF DENVER BUILDING DEPARTMENT
                                                                                              25
  SITE 07       COLO STATE HEALTH DEPT 4210 E 11TH AVENUE TYPE-    R COUNTY-DENVER
  C6 0580 07    COLORADO STATE HEALTH DEPARTMENT
                                                                                              45
  SITE 08       SLOAN'S LAKE 2400 WOLFF ST
  C6 0580 08    DENVER BUILDING DEPARTMENT                        TYPE-    R COUNTY-DENVER
                                                                                              15
 DOUGLAS COUNTY
  SITE 01       CASTLE ROCK 208 3RD STREET
  C6 0660 01    TRI-COUNTY HEALTH DEPARTMENT                      TYPE-    C COUNTY-DOUGLAS
                                                                                              15
 DURANGO
  SITE 03       CENTRAL FIRE STATION 10TH ST + 2ND AVENUE TYPE-    C COUNTY-LA PLATA
  C6 0680 03    COLORADO STATE HEALTH DEPARTMENT
                                                                                              10
 ENGLEWOOD
  SITE 01       4857 SOUTH BROADWAY
  06 0780 01    COLORADO STATE HEALTH DEPARTMENT                  TYPE-    C COUNTY-ARAPAHOE
                                                                                              20
 FORT COLLINS
  SITE 01       CENTRAL FIRE HEADQUARTERS 238 WALNUT ST   TYPE-    C COUNTY-LARIMER
  C6 0820 01    LARIMER COUNTY HEALTH DEPARTMENT
                                                                                              30
 GARFIELD COUNTY
  SITE 01       111 EAST 3RD AVENUE
  C6 0880 01    COLORADO STATE HEALTH DEPARTMENT                  TYPE-    C COUNTY-GARFIELD
                                                                                              15
 GLENWOOD SPRINGS
  SITE 01       GARFIELD CO COURTHOUSE 8TH + COLORADO AVE TYPE-    C COUNTY-GARFIELD
  C6 0920 01    COLORADO STATE HEALTH DEPARTMENT
                                                                                              45
 GOLDEN
  SITE 01       911 TENTH AVENUE
  C6 0940 01    JEFFERSON COUNTY  HEALTH DEPARTMENT               TYPE-    I COUNTY-JEFFERSON
                                                                                              20
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GRAND JUNCTION
 SITE 03      MESA CO HLTH DEPT BLDG 515 PATTERSON AVE  TYPE-   S COUNTY-MESA
 C6 0980 03   COLORADO STATE HEALTH DEPARTMENT                                          4

GREELEY
 SITE 02      FIRE STATION 2 23RD + RESERVOIR ROAD      TYPE-   R COUNTY-WELD
 C6 1000 02   WELD COUNTY HEALTH DEPARTMENT                                             4

 SITE 03      CENTRAL FIRE STA  6TH ST + 10TH AVENUE    TYPE-   C COUNTY-WELD
 C6 1000 03   WELD COUNTY HEALTH DEPARTMENT                                            25

LA JUNTA
 SITE 01      COURTHOUSE COLORADO + 2ND AVENUE          TYPE-   C COUNTY-OTERO
 C6 1220 01   COLORADO STATE HEALTH DEPARTMENT                                         30

LAKEWOOD
 SITE 01      260 SOUTH KIPLING STREET                  TYPE-   S COUNTY-JEFFERSON
 C6 1260 01   COLORADO STATE HEALTH DEPARTMENT                                         15

LONGMONT
 SITE 01      CITY HALL 4TH + KIMBARK STREETS           TYPE-   C COUNTY-BOULDER
 C6 1460 01   BOULDER COUNTY HEALTH DEPARTMENT                                         30

MANITOU SPRINGS
 SITE 01      MANITOU AVENUE + CENTRAL STREET           TYPE-   C COUNTY-EL PASO
 C6 1500 01   EL PASO COUNTY HEALTH DEPARTMENT                                         30

MESA VERDE NAT PK
 SITE 01      MESA VERDE NATIONAL PARK                  TYPE-   N MESA VERDE NAT PARK
 C6 1600 01   NATIONAL PARK SERVICE                                                    21

MONTROSE
 SITE 01      38 SOUTH UNCOMPAGHRE STREET               TYPE-   C COUNTY-MONTROSE
 C6 1620 01   COLORADO STATE HEALTH DEPARTMENT                                         25

PUEBLO
 SITE 01      PUEBLO HLTH DEPT BLDG 151 CENTRAL MAIN    TYPE-   C COUNTY-PUEBLO
 C6 1820 01   COLORADO STATE HEALTH DEPARTMENT                                         15

 SITE 02      SUNSET PARK FIRE STA PRAIRIE + SUMMIT     TYPE-   C COUNTY-PUEBLO
 C6 1820 02   PUEBLO HEALTH DEPARTMENT                                                  5

 SITE 03      MESA + EVANS FIRE STA EVANS + MESA ST     TYPE-   I COUNTY-PUEBLO
 C6 1820 03   COLORADO STATE HEALTH DEPARTMENT                                         20

 SITE 04      FIRE STA BONFORT BLVD + LIBERTY LANE      TYPE-   R COUNTY-PUEBLO
 C6 1820 04   PUEBLO HEALTH DEPARTMENT                                                  5

 SITE 05      24TH + 6TH STS PUEBLO HLTH DEPT           TYPE-(*)  COUNTY-PUEBLO
 C6 1820 05   PUEBLO HEALTH DEPARTMENT                                                (*)

ROCKY FORD
 SITE 01      207 NORTH MAIN STREET                     TYPE-   C COUNTY-OTERO
 C6 1900 01   COLORADO STATE HEALTH DEPARTMENT                                         25

STERLING
 SITE 01      SOUTH 3RD * ASH STREETS                   TYPE-   C COUNTY-LOGAN
 C6 2080 01   NORTHEAST COLORADO HEALTH DEPARTMENT                                     25

TRINIDAD
 SITE 01      COMMERCIAL FIRE STA COMMERCIAL + MAIN ST  TYPE-   C COUNTY-LAS ANIMAS
 C6 2160 01   LAS ANIMAS-HUERFANO DISTRICT HEALTH DEPT                                 40

CONNECTICUT
 BRIDGEPORT
 SITE 01      FIRE BUILDING 274 MIDDLE STREET           TYPE-   C COUNTY-FAIRFIELD
 C7 0060 01   CONNECTICUT STATE DEPARTMENT OF HEALTH                                   55

 HARTFORD
 SITE 01      10 CLINTON ST (ROOF OF LAB DIV BLDG)      TYPE-   C COUNTY-HARTFORD
 C7 0420 01   CONNECTICUT STATE DEPT OF HEALTH LABORATORY DIVISION                     60

 NEW BRITAIN
 SITE 01      1 HERALD SQUARE                           TYPE-   I COUNTY-HARTFORD
 C7 0680 01   NEW BRITAIN CITY HEALTH DEPARTMENT                                       32

 NEW HAVEN
 SITE 01      BULLARD BUILDING 270 ORANGE STREET        TYPE-   C COUNTY-NEW HAVEN
 C7 0700 01   DEPARTMENT OF HEALTH CITY OF NEW HAVEN                                   72
 NORWICH
  SITE 01      CISCO BUILDING MAIN STREET              TYPE-   C COUNTY-NEW LONDON
  07 0840 01   CONNECTICUT STATE DEPARTMENT OF HEALTH                                 65

 STAMFORD
  SITE 01      CENTRAL FIRE STATION 653 MAIN STREET    TYPE-   C COUNTY-FAIRFIELD
  07 1080 01   CONNECTICUT STATE DEPARTMENT OF HEALTH                                 50

 WATERBURY
  SITE 01      CITY HALL 235 GRAND AVENUE              TYPE-   C COUNTY-LITCHFIELD
  07 1240 01   CONNECTICUT STATE DEPARTMENT OF HEALTH                                 55

DELAWARE
 KENT COUNTY
  SITE 01      HQ BLDG, BOMBAY HOOK NATL WILDLIFE REFUGE TYPE-   N BOMBAY HOOK NAT REFUGE
  08 0060 01   AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH                          11

 NEWARK
  SITE 01      INSECTORY EXPERM FARM 521 S COLLEGE AVE   TYPE- IRC COUNTY-NEW CASTLE
  08 0140 01   AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH                          14

 WILMINGTON
  SITE 01      PUBLIC BUILDING 1000 KING STREET          TYPE- IRC COUNTY-NEW CASTLE
  08 0260 01   CITY DEPARTMENT OF HEALTH                                              44

DC
 WASHINGTON
  SITE 01      MUNICIPAL BLDG 301 INDIANA AVE N W        TYPE-  RC COUNTY-DST OF COLUMBIA
  09 0020 01   DISTRICT OF COLUMBIA DEPARTMENT OF PUBLIC HEALTH                       85

  SITE 02      FIRST AND L STREETS N W                   TYPE-   R COUNTY-DST OF COLUMBIA
  09 0020 02   UNITED STATES PUBLIC HEALTH SERVICE                                    10

FLORIDA
 JACKSONVILLE
  SITE 02      MONROE ST BETWEEN LAURA + HOGAN STREET    TYPE-   C COUNTY-DUVAL
  10 1960 02   DUVAL HEALTH IMPROVEMENT AUTHORITY                                     20

 MIAMI
  SITE 02      864 NORTHWEST 23RD STREET                 TYPE-IRC  COUNTY-DADE
  10 2700 02   DADE COUNTY HEALTH DEPARTMENT                                          15

 PUNTA GORDA
  SITE 01      COURT HOUSE                               TYPE-  RC COUNTY-CHARLOTTE
  10 3760 01   FLORIDA STATE BOARD OF HEALTH                                          50

 ST PETERSBURG
  SITE 01      PINELLAS CO BLDG 150 FIFTH ST NORTH       TYPE-  RC COUNTY-PINELLAS
  10 3980 01   FLORIDA STATE BOARD OF HEALTH                                          39

 TAMPA
  SITE 02      HILL CO HEAL CENT BLDG 1105 E KENNEDY BLV TYPE-   C COUNTY-HILLSBOROUGH
  10 4360 02   ENVIRONMENTAL ENGINEERING HILLSBORO COUNTY HEALTH DEPARTMENT           50

 WINTER HAVEN
  SITE 01      225 AVENUE D N W                          TYPE-  RC COUNTY-POLK
  10 4880 01   FLORIDA STATE BOARD OF HEALTH                                          15

GEORGIA
 ALBANY
  SITE 01      306 FLINT STREET                          TYPE-   C COUNTY-DOUGHERTY
  11 0040 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH                                    12

 ATLANTA
  SITE 01      FULTON COUNTY HEALTH DEPT 99 BUTLER ST SE TYPE-  IC COUNTY-FULTON
  11 0200 01   FULTON COUNTY HEALTH DEPARTMENT                                        20

 AUGUSTA
  SITE 01      RICHMOND CO HEALTH DEPT 1001 BAILIE DR    TYPE-  RC COUNTY-RICHMOND
  11 0220 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH                                    18

 BRUNSWICK
  SITE 01      GLYNN CNTY HLTH DEPT 501 MANSFIELD ST     TYPE-   C COUNTY-GLYNN
  11 0600 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH                                     4

 COLUMBUS
  SITE 01      MUSCOGEE CITY HEALTH DEPT 1958 8TH AVENUE TYPE-  RC COUNTY-MUSCOGEE
  11 1280 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH                                    25
 LYONS
  SITE 01      WASHINGTON AND GRADY STREETS               TYPE-   R COUNTY-TOOMBS
  11 3340 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     40
 MACON
  SITE 01      W T GRANT CO 418 3RD STREET                TYPE-   C COUNTY-BIBB
  11 3440 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     30
 ROME
  SITE 01      FLOYD HOSPITAL 304 TURNER MCCALL BLVD      TYPE-   C COUNTY-FLOYD
  11 4380 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     55
 ROSSVILLE
  SITE 01      WALKER CNTY HLTH DEPT 101 S DUKE STREET    TYPE-  RC COUNTY-WALKER
  11 4400 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     20
 SAVANNAH
  SITE 01      CHATHAM CO COURT HOUSE BULL + BAY ST       TYPE-   C COUNTY-CHATHAM
  11 4500 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     55
 VALDOSTA
  SITE 01      108 EAST CENTRAL AVENUE                    TYPE-   C COUNTY-LOWNDES
  11 5220 01   GEORGIA DEPARTMENT OF PUBLIC HEALTH
                                                                                     30

HAWAII
 HONOLULU
  SITE 01      STATE DEPT HLTH BLDG 1250 PUNCH BOWL ST    TYPE-  RC COUNTY-HONOLULU
  12 0120 01   STATE DEPARTMENT OF HEALTH
                                                                                     40

IDAHO
 BOISE
  SITE 01      CENTRAL FIRE STATION SIXTH + IDAHO STS     TYPE-   C COUNTY-ADA
  13 0220 01   CITY-COUNTY HEALTH DEPARTMENT
                                                                                     50
 BUTTE COUNTY
  SITE 01      H Q AREA CRATERS OF THE MOON NATL MON      TYPE-   N CRATERS OF MOON NAT MON
  13 0340 01   NATIONAL PARK SERVICE
                                                                                      6

ILLINOIS
 BLUE ISLAND
  SITE 01      EISENHOWER H S 12700 SACRAMENTO AVE        TYPE-  IR COUNTY-COOK
  14 0500 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     43
 CALUMET CITY
  SITE 01      THORNTON HIGH SCHOOL 755 PULASKI ROAD      TYPE-   R COUNTY-COOK
  14 0780 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     26
 CHICAGO
  SITE 01      CITY OFFICE BLDG 320 NORTH CLARK STREET    TYPE-   C COUNTY-COOK
  14 1220 01   CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL
                                                                                    100
  SITE 02      445 SOUTH PLYMOUTH COURT                   TYPE-   C COUNTY-COOK
  14 1220 02   CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL
                                                                                     12
 CHICAGO HEIGHTS
  SITE 01      BLOOM H S DIXIE HIGHWAY + 10TH STREET      TYPE-  IR COUNTY-COOK
  14 1240 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     32
 CICERO
  SITE 01      ROOSEVELT SCHOOL15TH ST + 50TH AVENUE      TYPE-  IR COUNTY-COOK
  14 1340 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     34
 COOK COUNTY
  SITE 01      ARGO HIGH SCHOOL 63RD ST + 74TH AVENUE     TYPE-  IR COUNTY-COOK
  14 1540 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     32
 EAST ST LOUIS
  SITE 01      STADIUM MOTOR HOTEL 438 BROADWAY           TYPE-  IC COUNTY-ST CLAIR
  14 2120 01   EAST SIDE HEALTH DISTRICT
                                                                                     90
 FLOSSMOOR
  SITE 01      HIGH SCHOOL 999 KEDZIE AVE + 189TH ST      TYPE-   R COUNTY-COOK
  14 2520 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     30
 FRANKLIN PARK
  SITE 01      E LEYDEN H S 3400 NORTH ROSE + ADDISON     TYPE-  IR COUNTY-COOK
  14 2620 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU
                                                                                     28
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HARVEY
 SITE 01      LOWELL ELEM SCH 157TH ST + LEXINGTON      TYPE-   R COUNTY-COOK
 14 3180 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              23

HILLSIDE
 SITE 01      PROVISO W HIGH SCH WOLF + HARRISON        TYPE-  IR COUNTY-COOK
 14 3420 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              30

JOLIET
 SITE 01      5 E VAN BUREN ST RIALTO THEATRE BLDG      TYPE-   C COUNTY-WILL
 14 3760 01   WILL COUNTY HEALTH DEPARTMENT                                        100

MIDLOTHIAN
 SITE 01      BREMEN TWNSHP H S 15205 CRAWFORD          TYPE-  IR COUNTY-COOK
 14 5080 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              26

NILES
 SITE 01      E MAINE JR HIGH 8955 GREENWOOD AVENUE     TYPE-  IR COUNTY-COOK
 14 5540 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              20

ORLAND PARK
 SITE 01      C SANDBURG H S 133RD STREET + LAGRANGE    TYPE-  IR COUNTY-COOK
 14 5860 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              20

PALATINE
 SITE 01      PALATINE TWNSHP H S 1000 QUENTIN ROAD     TYPE-  IR COUNTY-COOK
 14 5900 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              24

RIVER FOREST
 SITE 01      JR HIGH SCH N E CORNER LATHROP + OAK      TYPE-  IR COUNTY-COOK
 14 6540 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              28

ROCKFORD
 SITE 01      OLD CITY HALL 126 SOUTH FIRST STREET      TYPE- IRC COUNTY-WINNEBAGO
 14 6680 01   CITY DEPARTMENT OF PUBLIC HEALTH                                      30

SPRINGFIELD
 SITE 01      MUNICIPAL BLDG 8TH STREET AT MONROE       TYPE- IRC COUNTY-SANGAMON
 14 7280 01   DEPARTMENT OF PUBLIC HEALTH  + SAFETY                                 20

WILMETTE
 SITE 01      CENTRAL SCHOOL N W CORNER 9TH + CENTRAL   TYPE-  IR COUNTY-COOK
 14 8360 01   COOK COUNTY AIR POLLUTION CONTROL BUREAU                              24

INDIANA
 EAST CHICAGO
 SITE 01      CENTRAL FIRE STATION 450 E COLUMBUS DR    TYPE-   I COUNTY-LAKE
 15 1180 01   CITY BUREAU OF AIR POLLUTION CONTROL                                  35

 EVANSVILLE
 SITE 02                                                TYPE-(*)
 15 1300 02   AGENCY NOT IDENTIFIED                                                (*)

 HAMMOND
 SITE 01      GOLDBLATT BROS DEPT STORE 5206 HOHMAN AVE TYPE-  RC COUNTY-LAKE
 15 1780 01   CITY HEALTH DEPARTMENT                                                55

 INDIANAPOLIS
 SITE 01      FIRE STATION NO 301 EAST NEW YORK STREET  TYPE-   C COUNTY-MARION
 15 2040 01   CITY BUREAU OF AIR POLLUTION CONTROL                                  35

 MONROE COUNTY
 SITE 01      POLLING CABIN RT 3 (MARTINSVILLE)         TYPE-   N M MONROE STATE FOREST
 15 2800 01   AIR POLL CONT SECT DIV SAN ENG IND ST BOARD OF HEALTH                  5

 NEW ALBANY
 SITE 02      CITY:COUNTY BUILDING                      TYPE- IRC COUNTY-FLOYD
 15 2980 02   NEW ALBANY : FLOYD COUNTY HEALTH DEPARTMENT                           50

 PARKE COUNTY
 SITE 01      TURKEY RUN STATE PARK                     TYPE-   N TURKEY RUN STATE PARK
 15 3260 01   STATE DEPARTMENT OF CONSERVATION                                       7

 SOUTH BEND
 SITE 01      OLIVER HOTEL WASH + MAIN STREET       TYPE-   C COUNTY-ST JOSEPH
 15 3880 01   CITY DEPARTMENT OF ENGINEERING                                        80
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IOWA
 CEDAR RAPIDS
  SITE 01      CENTRAL FIRE STATION 427 1ST ST S E       TYPE- IRC COUNTY-LINN
  16 0640 01   DEPARTMENT OF PUBLIC HEALTH                                               32

 DES MOINES
  SITE 01      CENTRAL FIRE STA-NO 1 9TH + MULBERRY ST   TYPE- IRC COUNTY-POLK
  16 1180 01   DES MOINES-POLK COUNTY HEALTH DEPARTMENT                                  32

 DUBUQUE
  SITE 01      CITY GARAGE 14TH + ELM STREETS            TYPE-  IC COUNTY-DUBUQUE
  16 1260 01   CITY OF DUBUQUE                                                           21

KANSAS
 KANSAS CITY
  SITE 01      FIRE HEADQUARTERS SIXTH + ANN AVENUES     TYPE-   C COUNTY-WYANDOTTE
  17 1800 01   KANSAS CITY-WYANDOTTE COUNTY HEALTH DEPARTMENT                            34

 TOPEKA
  SITE 01      CITY BUILDING 215 EAST SEVENTH STREET     TYPE- IRC COUNTY-SHAWNEE
  17 3560 01   TOPEKA-SHAWNEE COUNTY HEALTH DEPARTMENT                                   62

 WICHITA
  SITE 01      FIRE STATION NO 1 402 NORTH WATER ST      TYPE-   C COUNTY-SEDGWICK
  17 3740 01   WICHITA-SEDGWICK COUNTY DEPARTMENT OF PUBLIC HEALTH                       35

KENTUCKY
 ASHLAND
  SITE 02      ASHLAND OIL + REFINING CO                 TYPE-  IC COUNTY-BOYD
  18 0080 02   ASHLAND-BOYD COUNTY HEALTH DEPARTMENT                                     18

 COVINGTON
  SITE 01      GAS COMP BLDG - 1 BLK N 7TH + SCOTT       TYPE- IRC COUNTY-KENTON
  18 0800 01   COVINGTON-KENTON HEALTH DEPARTMENT                                        42

 LEXINGTON
  SITE 01      COLL OF PHARMACY WASHINGTON + GLAD        TYPE-  RC COUNTY-FAYETTE
  18 2300 01   UNIVERSITY COLLEGE OF PHARMACY                                            41

 LOUISVILLE
  SITE 01      SINKING FUND BLDG 621 W JEFFERSON ST      TYPE-   C COUNTY-JEFFERSON
  18 2380 01   JEFFERSON COUNTY AIR POLLUTION CONTROL DISTRICT                           35

LOUISIANA
 IBERVILLE COUNTY
  SITE 01      POWER HOUSE OF BLDG 1 NE QUAD OF CAMPUS   TYPE-   N COUNTY-IBERVILLE
  19 1280 01   PROGRAM PLANNING OFFICE + SANITATION SECTION USPHS HOSPITAL               29

 NEW ORLEANS
  SITE 02      CIVIL COURTS BLDG ROOF 427 LOYOLA AVE     TYPE-   C COUNTY-ORLEANS
  19 2020 02   LOUISIANA STATE BOARD OF HEALTH                                           72

MAINE
 ACADIA NAT PK
  SITE 01      SEAWALL AREA OF PARK                      TYPE-   N ACADIA NATIONAL PARK
  20 0500 01   NATIONAL PARK SERVICE                                                     15

 PORTLAND
  SITE 02      465 CONGRESS                              TYPE-(*)  COUNTY-CUMBERLAND
  20 0960 02   STATE DEPARTMENT OF HEALTH + WELFARE                                     (*)

MARYLAND
 BALTIMORE
  SITE 01      FIRE DEPT HQ BLDG 410 E LEXINGTON STREET  TYPE-   C COUNTY-BALTIMORE CITY
  21 0120 01   CITY HEALTH DEPARTMENT                                                    32

 CALVERT COUNTY
  SITE 01      SOLOMONS ISLAND                           TYPE-   N SOLOMONS ISLAND
  21 0280 01   MARYLAND STATE DEPARTMENT OF HEALTH                                       10

MASSACHUSETTS
 BOSTON
  SITE 01      JOHN F KENNEDY BLDG  GOVERNMENT CENTER    TYPE-   C COUNTY-SUFFOLK
  22 0240 01   DEPARTMENT OF PUBLIC HEALTH  DIVISION OF AIR USE MANAGEMENT               90

 SPRINGFIELD
  SITE 02      MILL STREET FIRE STATION 25 MILL STREET   TYPE-   C COUNTY-HAMPDEN
  22 2160 02   LOWER PIONEER VALLEY AIR POLLUTION CONTROL DISTRICT                       35
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WORCESTER
  SITE 01      NEWBERRYS DEPT STORE MAIN + FRONT STREETS TYPE-   C COUNTY-WORCESTER
  22 2640 01   MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH
                                                                                    70
MICHIGAN
 DETROIT
  SITE 01      PUBLIC LIBRARY 5201 WOODWARD AVENUE        TYPE-   C COUNTY-WAYNE
  23 1180 01   CITY BUREAU OF AIR POLLUTION CONTROL
                                                                                    90
 FLINT
  SITE 01      FIRE STATION ROOF DETROIT ST + 4TH AVENUE TYPE-   C COUNTY-GENESEE
  23 1580 01   CITY DEPARTMENT OF PUBLIC WORKS + UTILITIES
                                                                                    50
 GRAND RAPIDS
  SITE 01      MICHIGAN TITLE COMPANY 320 OTTAWA AVENUE  TYPE-IRC  COUNTY-KENT
  23 1820 01   CITY DEPARTMENT OF AIR POLLUTION
                                                                                    25
 TRENTON
  SITE 01      CITY HALL BLDG 2872 WEST JEFFERSON AVE     TYPE-   C COUNTY-WAYNE
  23 5120 01   TRENTON ENGINEERING DEPARTMENT
                                                                                    15
MINNESOTA
 DULUTH
  SITE 01      CITY HALL FOURTH AVENUE WEST + FIRST ST   TYPE- IRC COUNTY-ST LOUIS
  24 1040 01   CITY DEPARTMENT OF PUBLIC HEALTH
                                                                                    63
 MINNEAPOLIS
  SITE 01      MINN DEPT OF HEALTH BLDG 717 DELAWARE SE  TYPE-   C COUNTY-HENNEPIN
  24 2260 01   CITY OF MINNEAPOLIS AIR POLLUTION CONTROL DIVISION
                                                                                    97
 MOORHEAD
  SITE 01      OLD POST OFFICE BLDG 521 MAIN AVENUE       TYPE-   C COUNTY-CLAY
  24 2320 01   CITY OF MOORHEAD
                                                                                    28
 ST PAUL
  SITE 01      PUBLIC UTILITIES BLDG 100 EAST 10TH ST     TYPE-  IC COUNTY-RAMSEY
  24 3300 01   SMOKE ABATEMENT BOARD CITY DEPARTMENT OF PUBLIC UTILITIES
                                                                                    43
MISSISSIPPI
 JACKSON
  SITE 02      426 NORTH STATE STREET                     TYPE- IRC COUNTY-HINDS
  25 1260 02   MISSISSIPPI AIR + WATER POLLUTION CONTROL COMMISSION
                                                                                    12
 JACKSON COUNTY
  SITE 01      GULF COAST RESEARCH LAB  OCEAN SPRINGS     TYPE-   N GULF COAST RESEARCH LAB
  25 1280 01   GULF COAST RESEARCH LAB INSTITUTIONS OF HIGHER LEARNING
                                                                                     8
MISSOURI
 KANSAS CITY
  SITE 01      ROOF OF POLICE GARAGE NO 2 13TH + OAK ST  TYPE-   C COUNTY-JACKSON
  26 2380 01   CITY DEPARTMENT OF PUBLIC HEALTH
                                                                                    12
 ST LOUIS
  SITE 01      P O  BUILDING 18TH + MARKET STREETS        TYPE-   C COUNTY-ST LOUIS CITY
  26 4280 01   DIVISION AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY
                                                                                    58
  SITE 02      215 SOUTH 12TH BOULEVARD                   TYPE-  IC COUNTY-ST LOUIS
  26 4280 02   UNITED STATES PUBLIC HEALTH SERVICE
                                                                                     9
 SHANNON COUNTY
  SITE 01      EMINENCE FIRE CONTROL TOWER ST HWY 19      TYPE-   N EMINENCE FIRE CONTROL TW
  26 4480 01   MISSOURI STATE CONSERVATION COMMISSION + STATE HEALTH DEPARTMENT         100

MONTANA
 GLACIER NAT PK
  SITE 01      ST MARY RANGER STATION (BABB)              TYPE-   N GLAC NATL PK BOX 14
  27 0560 01   NATIONAL PARK SERVICE
                                                                                     3
 HELENA
  SITE 01      STATE LAB BLDG LOCKEY AV + N ROB STREETS  TYPE-  RC COUNTY-LEWIS + CLARK
  27 0720 01   STATE BOARD OF HEALTH
                                                                                    25
NEBRASKA
 OMAHA
  SITE 01      CITY HALL 18TH + FARNAM STREETS            TYPE-  IC COUNTY-DOUGLAS
  28 1880 01   SMOKE ABATEMENT DIVISION CITY DEPARTMENT OF PUBLIC SAFETY               110
  THOMAS COUNTY
   SITE 01      BESSEY NURSERY NEBRASKA NATIONAL FOREST   TYPE-   N NEBRASKA NATIONAL FOREST
   28 2480 01   UNITED STATES FOREST SERVICE                                                5

 NEVADA
  LAS VEGAS
   SITE 01      FIRE ALARM BLDG 320 N CASINO CENTER       TYPE-  IC COUNTY-CLARK
   29 0320 01   CLARK COUNTY DISTRICT HEALTH DEPARTMENT                                    42

  RENO
   SITE 01      COUNTY-CITY HLTH DEPT 10 KIRMAN STREET    TYPE-  RC COUNTY-WASHOE
   29 0480 01   CITY-COUNTY DISTRICT HEALTH DEPARTMENT                                     20

  WHITE PINE COUNTY
   SITE 01      LEHMAN CAVES NATIONAL MONUMENT            TYPE-   N LEHMAN CAVES NATL MON
   29 0560 01   NATIONAL PARK SERVICE                                                       3

 NEW HAMPSHIRE
  CONCORD
   SITE 01      61 SOUTH SPRING STREET                    TYPE-  RC COUNTY-MERRIMACK
   30 0120 01   STATE DEPARTMENT OF HEALTH  + WELFARE                                      30

  COOS COUNTY
   SITE 01      U S FISH CUL STA WHITE MTN NAT FOR        TYPE-   N WHITE MOUNTAIN NAT FOR
   30 0140 01   UNITED STATES FISH + WILDLIFE SERVICE                                       0

 NEW JERSEY
  BAYONNE
   SITE 01      BAYONNE HOSPITAL RD 29TH STREET           TYPE-  IR COUNTY-HUDSON
   31 0180 01   BAYONNE DEPARTMENT OF HEALTH                                               50

  BURLINGTON COUNTY
   SITE 02      J KANE NURSERY 2102 MARLTON PIKE          TYPE-  RC COUNTY-BURLINGTON
   31 0660 02   CHERRY HILL BOARD OF HEALTH                                                12

  CAMDEN
   SITE 01      FIRE STATION  3RD + FEDERAL STREETS       TYPE- IRC COUNTY-CAMDEN
   31 0720 01   BUREAU OF FIRE DEPARTMENT OF PUBLIC SAFETY                                 30

  GLASSBORO
   SITE 01      ROSS HART HALL GLASSBORO STATE COLLEGE    TYPE-  RC COUNTY-GLOUCESTER
   31 1700 01   STATE OF NEW JERSEY                                                        40

  HAMILTON
   SITE 01      MUNICIPAL BLDG 2090 GREENWOOD AVENUE      TYPE-   I COUNTY-MERCER
   31 1940 01   HAMILTON TOWNSHIP HEALTH DEPARTMENT                                        50

  JERSEY CITY
   SITE 01      MEDICAL CENTER GARAGE BLDG CORNEILSON AV  TYPE-  IR COUNTY-HUDSON
   31 2320 01   CITY BOARD OF HEALTH                                                       85

  NEWARK
   SITE 01      920 BROAD STREET CITY HALL                TYPE-  IC COUNTY-ESSEX
   31 3480 01   CITY DEPARTMENT OF HEALTH + WELFARE                                        65
  PATERSON
   SITE 01      BOARD OF HEALTH ROOF-MILL + PASSAIC STS   TYPE-  IC COUNTY-PASSAIC
   31 4140 01   PATERSON BOARD OF HEALTH                                                   32
  PERTH AMBOY
   SITE 01      HEALTH DEPT 260 HIGH STREET               TYPE-   R COUNTY-MIDDLESEX
   31 4220 01   BUREAU OF AIR POLLUTION CONTROL                                            15
  TRENTON
   SITE 01      COURT HOUSE (STATE HOUSE*                 TYPE- IRC COUNTY-MERCER
   31 5400 01   BUREAU OF ADULT + OCCUPATIONAL HEALTH                                      60

 NEW MEXICO
  ALBUQUERQUE
   SITE 01      100 BLOCK AT TIJERAS AVE NE               TYPE- IRC COUNTY-BERNALILLO
   32 0040 01   ALBUQUERQUE DEPARTMENT OF ENVIRONMENTAL HEALTH                             42
  RIO ARRIBA COUNTY
   SITE 01      WEST OF WATER FILTER PLANT                TYPE-   N WATER FILTER PLANT
   32 0920 01   RIO ARRIBA COUNTY                                                           7

 NEW YORK
  AKRON
   SITE 01      AKRON SEWAGE TREATMENT PLANT              TYPE-   S COUNTY-ERIE
   33 0020 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                      0
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ALBANY
 SITE 02      GRANT'S DEPARTMENT STORE DOWNTOWN STORE   TYPE-   C COUNTY-ALBANY
 33 0040 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  40
BABYLON
 SITE 01      FAST FARMINGDALE WATER PLANT GAZZA BLVD   TYPE-   I COUNTY-SUFFOLK
 33 0280 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                   3
BINGHAMTON
 SITE 02      BROOME CO HLTH DEPT BLDG 62-68 WATER ST   TYPE- IRC COUNTY-BROOME
 33 0480 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  30
 SITE 03      NORTH HIGH
 33 0480 03  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-  RC COUNTY-BROOME
                                                                                  50
BUFFALO
 SITE 01      MUSEUM OF NATURAL SCIENCE, HUMBOLT PKWY   TYPE-  RC COUNTY-ERIE
 33 0660 01  ERIE COUNTY HEALTH DEPARTMENT
                                                                                  50
 SITE 02      P S 66
 33 0660 02  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   R COUNTY-ERIE
                                                                                  45
 SITE 03      P S 26 84 HARRISON STREET
 33 0660 03  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   I COUNTY-ERIE
                                                                                  20
CHEEKTOWAGA NW
 SITE 01      TOWN HALL
 33 1020 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   R COUNTY-ERIE
                                                                                  60
COHOES
 SITE 01      KEVENY ACADEMY
 33 1180 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-  IC COUNTY-ALBANY
                                                                                  60
COLONIE
 SITE 01      COLONIE SHOPPING CENTER
 33 1200 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-  CS COUNTY-ALBANY
                                                                                  35
COLUMBIA COUNTY
 SITE 01      WATER TREATMENT PLANT
 33 1220 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   S COUNTY-COLUMBIA
                                                                                  35
DUTCHESS COUNTY
 SITE 01      LA GRANGE SCHOOL
 33 1620 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   N COUNTY-DUTCHESS
                                                                                  15
EAST SYRACUSE
 SITE 01      410 WEST MANLIUS AVENUE(POST OFFICE)      TYPE-   C COUNTY-ONONDAGA
 33 1800 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  30
ELLENVILLE
 SITE 01      ELLENVILLE SEWAGE TREATMENT PLANT
 33 1860 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   S COUNTY-ULSTER
                                                                                  15
ELMIRA
 SITE 01      MAINTENANCE BUILDING 808 CANAL STREET     TYPE-  IR COUNTY-CHEMUNG
 33 1880 01  CITY MAINTENANCE DEPARTMENT
                                                                                  16
ENDICOTT
 SITE 01      CHARLES F JOHNSON JUNIOR HIGH SCHOOL      TYPE-   R COUNTY-BROOME
 33 1980 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  15
 SITE 02      GEORGE W JOHNSON ELEMENTARY SCHOOL        TYPE-  IR COUNTY-BROOME
 33 1980 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  45
ERIE COUNTY
 SITE 01      KAGEREIN SCHOOL LOVE RD GRAND ISLAND      TYPE-   R COUNTY-ERIE
 33 2000 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                  20
 SITE 11      HOLLAND WATER WORKS
 33 2000 11  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-   N COUNTY-ERIE
                                                                                   0
GARDEN CITY
 SITE 01      ADMINISTRATION BUILDING
 33 2360 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-  RC COUNTY-NASSAU
                                                                                  90
GLENS FALLS
 SITE 01      GLENS FALLS HOSPITAL
 33 2480 01  STATE OF NEW YORK DEPARTMENT OF HEALTH     TYPE-  IC COUNTY-WARREN
                                                                                  69
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JEFFERSON COUNTY
 SITE 01      FOG SIGNAL BLDG TIBBETTS PT LIGHT STA      TYPE-   N CAPE VINCENT
 33 3340 01  UNITED STATES COAST GUARD
                                                                                    18

JOHNSON CITY
 SITE 01      JOHNSON CITY SR H S MAIN STREET            TYPE-   R COUNTY-BROOME
 33 3380 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    45

JOHNSTOWN
 SITE 01      FULTON COUNTY OFFICE BUILDING              TYPE-  RC COUNTY-FULTON
 33 3400 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    30

KINGSTON
 SITE 01      ULSTER COUNTY OFFICE BUILDING              TYPE-  RC COUNTY-ULSTER
 33 3500 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    90
LACAWANNA
 SITE 01      SEWAGE TREATMENT PLANT                     TYPE-  IR COUNTY-ERIE
 33 3520 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                     0

 SITE 02      OUR LADY OF VICTORY CONVENT                TYPE-   C COUNTY-ERIE
 33 3520 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    80
LEWISTON
 SITE 01      LEWISTON ELEM 4TH STREET                   TYPE-   R COUNTY-NIAGARA
 33 3760 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    54
LOCKPORT
 SITE 02      LOCKPORT SR HIGH LINDON + LOCUST STREET    TYPE-   R COUNTY-NIAGARA
 33 3920 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    42

 SITE 04      DEWITT CLINTON SCHOOL                      TYPE-  IR COUNTY-NIAGARA
 33 3920 04  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    58
MASSENA
 SITE 01      CITY SEWAGE TREATMENT PLANT E ORVIS ST     TYPE- IRC COUNTY-ST LAWRENCE
 33 4180 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    13
MONROE COUNTY
 SITE 01      BISHOP KEARNEY HIGH (IRONDEQUOIT)          TYPE-   R COUNTY-MONROE
 33 4380 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    54

 SITE 02      CHURCHILL-CHILI HI (RIGA)                  TYPE-   N CHURCHILL-CHILI HI (RIGA
 33 4380 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    18
MT VERNON
 SITE 01      CITY HALL BLDG                             TYPE-   C COUNTY-WESTCHESTER
 33 4480 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    40
NEW PALTZ
 SITE 01      VILLAGE GARAGE                             TYPE-   S COUNTY-ULSTER
 33 4600 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    15
NEW ROCHELLE
 SITE 02      HEALTH DEPARTMENT                          TYPE- RCS COUNTY-WESTCHESTER
 33 4620 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    40
NEW YORK CITY
 SITE 01      HARLEM COURT HOUSE 170 EAST 121 STREET     TYPE-  RC COUNTY-BRONX
 33 4680 01  DEPARTMENT OF AIR POLLUTION CONTROL
                                                                                   075
NIAGARA COUNTY
 SITE 01      MIDDLEPORT ELEMENTARY SCHOOL               TYPE-   R COUNTY-NIAGARA
 33 4720 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    50
NIAGARA COUNTY
 SITE 02      LOCKPORT AFB 57953 SHANEE RD (CAMBRIA)     TYPE-   N 57953 SHANEE RD CAMBRIA
 33 4720 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                     3
NIAGARA FALLS
 SITE 01      CITY HALL MAIN STREET + CEDAR AVENUE       TYPE-  RC COUNTY-NIAGARA
 33 4740 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    53
 SITE 02      DEVEAUX MANOR                              TYPE-   R COUNTY-NIAGARA
 33 4740 02  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    38
NORTH TONAWANDA
 SITE 01      JUNIOR HIGH SCHOOL 621 PAYNE AVENUE        TYPE-  RC COUNTY-NIAGARA
 33 4900 01  STATE OF NEW YORK DEPARTMENT OF HEALTH
                                                                                    54
 SITE 02      OHIO STREET SCHOOL                           TYPE-   R COUNTY-NIAGARA
 33 4900 02   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   18

 SITE 04      BLUE DOLPHIN MARINA 278 RIVER RD             TYPE-  IC COUNTY-NIAGARA
 33 4900 04   STATE OF NEW YORK DEPARTMENT OF HEALTH                                    3

 SITE 05      DEGRAFF MEMORIAL  HOSPITAL 445 TREMONT ST    TYPE-  RC COUNTY-NIAGARA
 33 4900 05   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   56

ONONDAGA COUNTY
 SITE 01      HIGH SCHOOL (JORDAN)                         TYPE-   R COUNTY-ONONDAGA
 33 5100 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   45

 SITE 02      ADMINISTRATION BLDG FAIR GROUNDS (GEDDES)    TYPE-  IC COUNTY-ONONDAGA
 33 5100 02   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   25

OSSINING
 SITE 01      HIGHLANDS AVENUE HIGH SCHOOL                 TYPE-   C COUNTY-WESTCHESTER
 33 5200 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   45

PEEKSKILL
 SITE 01      CITY HALL MAIN STREET                        TYPE-   C COUNTY-WESTCHESTER
 33 5360 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   30

POUGHKEEPSIE
 SITE 01      POUGHKEEPSIE WATER WORKS                     TYPE-   R COUNTY-DUTCHESS
 33 5620 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   30

RENSSELAER COUNTY
 SITE 01      SEWAGE TREATMENT PLANT                       TYPE-  IR COUNTY-RENSSELAER
 33 5700 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                    0

 SITE 11      GRAFTON ELEMENTARY SCHOOL                    TYPE-   N COUNTY-RENSSELAER
 33 5700 11   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   20

ROCHESTER
 SITE 01      FIRE HQ BUILDING 185 NORTH STREET            TYPE-   C COUNTY-MONROE
 33 5760 01   MONROE COUNTY HEALTH DEPARTMENT                                          30
ROCHESTER
 SITE 02      EAST HIGH SCHOOL                             TYPE-  IR COUNTY-MONROE
 33 5760 02   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   20

 SITE 03      KODAK BLDG 135                               TYPE-   I COUNTY-MONROE
 33 5760 03   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   15

ROCKLAND COUNTY
 SITE 01      COUNTY OFFICE BUILDING                       TYPE-  RC COUNTY-ROCKLAND
 33 5780 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   50

ROME
 SITE 01      JUSTICE BUILDING COURT STREET                TYPE-  RC COUNTY-ONEIDA
 33 5820 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   12

SAUGERTIES
 SITE 01      MALDEN SERVICE AREA                          TYPE-  IN COUNTY-DUTCHESS
 33 5980 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   12

SCHENECTADY
 SITE 01      CITY HALL 105 JAY STREET                     TYPE-  RC COUNTY-SCHENECTADY
 33 6020 01   CITY HEALTH DEPARTMENT                                                   80

 SITE 02      CITY GARAGE                                  TYPE-  IC COUNTY-SCHENECTADY
 33 6020 02   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   12

SCHENECTADY COUNTY
 SITE 01      DUANESBURG CENTRAL ELEMENTARY SCHOOL         TYPE-   N COUNTY-SCHENECTADY
 33 6040 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   12

 SITE 11      BEVIS HILL RESERVOIR                         TYPE-   R COUNTY-SCHENECTADY
 33 6040 11   STATE OF NEW YORK DEPARTMENT OF HEALTH                                    0

SCHOHARIE COUNTY
 SITE 02      POTTS FARM (SCHOHARIE)                       TYPE-   I COUNTY-SCHOHARIE
 33 6060 02   STATE OF NEW YORK DEPARTMENT OF HEALTH                                    3

SLOAN
 SITE 01      WOODROW WILSON SCHOOL                        TYPE-   R COUNTY-ERIE
 33 6280 01   STATE OF NEW YORK DEPARTMENT OF HEALTH                                   50
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SOLVAY
 SITE 01        SOLVAY HIGH SCHOOL                          TYPE-   R COUNTY-ONONDAGA
 33 6320 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     50

SOUTHAMPTON
 SITE 01        COUNTY CENTER BUILDING                      TYPE-   S COUNTY-SUFFOLK
 33 6340 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     22

SUFFERN
 SITE 01        STP RIDGE AVE                               TYPE-   R COUNTY-ROCKLAND
 33 6560 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                      6

SUFFOLK COUNTY
 SITE 01        STATE UNIVERSITY (STONY BROOK)              TYPE-   R COUNTY-SUFFOLK
 33 6580 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     65

 SITE 02        SUFFOLK WATER AUTHORITY BARTON AVENUE       TYPE-   R COUNTY-SUFFOLK
 33 6580 02     STATE OF NEW YORK DEPARTMENT OF HEALTH                                      0

 SITE 11        BRENTWOOD HIGH SCHOOL PINE AIRE RD (ISLIP   TYPE-   R COUNTY-SUFFOLK
 33 6580 11     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     35

 SITE 22        1 OLD INDIAN HEAD ROAD COMMACK SMITHTOWN    TYPE-   R COUNTY-SUFFOLK
 33 6580 22     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     40

SYRACUSE
 SITE 01        WATER DEPT MAINT BLDG 101 N BEECH STREET    TYPE-   C COUNTY-ONONDAGA
 33 6620 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     15

 SITE 03        100 ERIE BOULEVARD                          TYPE- IRC COUNTY-ONONDAGA
 33 6620 03     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     45

 SITE 04        STP HIAWATHA BOULEVARD                      TYPE-   C COUNTY-ONONDAGA
 33 6620 04     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     50

TROY
 SITE 02        TROY HIGH SCHOOL                            TYPE-  RC COUNTY-RENNSELAER
 33 6780 02     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     80

UTICA
 SITE 01        CITY HEALTH OFFICE BLDG 406 ELIZABETH ST    TYPE-   C COUNTY-ONEIDA
 33 6880 01     CITY HEALTH DEPARTMENT                                                     15

WEBSTER
 SITE 01        RIDGECREST ELEMENTARY                       TYPE-   S COUNTY-MONROE
 33 7260 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     15

WESTCHESTER COUNTY
 SITE 01        PRIMROSE ST ELEMENTARY SCHOOL SOMERS        TYPE-   N COUNTY-WESTCHESTER
 33 7320 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                     30

YONKERS
 SITE 01        HEALTH CENTER BUILDING 87 NEPPERHAN AVE     TYPE-  IC COUNTY-WESTCHESTER
 33 7620 01     STATE OF NEW YORK DEPARTMENT OF HEALTH                                    100

NORTH CAROLINA
 CHARLOTTE
 SITE 01        600 EAST TRADE STREET                       TYPE-   C COUNTY-MECKLENBURG
 34 0700 01     CITY HEALTH DEPARTMENT                                                     62

 CAPE HATTERAS
 SITE 01        BODIE ISLAND CAPE HATTERAS REC AREA         TYPE-   N CAPE HATTERAS
 34 1020 01     NATIONAL PARK SERVICE                                                       7

 DURHAM
 SITE 01        HEALTH DEPARTMENT 300 EAST MAIN STREET      TYPE-  IC COUNTY-DURHAM
 34 1160 01     STATE BOARD OF HEALTH                                                      80

 GREENSBORO
 SITE 02                                                    TYPE-(*)
 34 1740 02     AGENCY NOT IDENTIFIED                                                     (*)

NORTH DAKOTA
 BISMARCK
 SITE 01        MEMORIAL BUILDING 213 SIXTH STREET          TYPE-   C COUNTY-BURLEIGH
 35 0100 01     CITY DEPARTMENT OF HEALTH + BUILDING INSPECTION                            30
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  FARGO
   SITE 01      CIVIC CENTER ROOF 201 NO 4TH                TYPE-   C COUNTY-CASS
   35 0400 01   CITY HEALTH DEPARTMENT
                                                                                      24
  MINOT
   SITE 01      215 5TH AVENUE NORTHWEST                    TYPE-  RC COUNTY-WARD
   35 0780 01   STATE DEPARTMENT OF HEALTH
                                                                                      12
  WARD COUNTY
   SITE 01      MAINT BLDG UP SOURIS (LAKE DARLING)         TYPE-   N LAKE DARLING
   35 1300 01   UNITED STATES FISH + WILDLIFE SERVICE
                                                                                      12

 OHIO
  AKRON
   SITE 01      FIRE STATION NO 4 821 COBURN STREET         TYPE- IRC COUNTY-SUMMIT
   36 0060 01   CITY DEPARTMENT OF HEALTH
                                                                                      30
  CANTON
   SITE 01      CITY HALL                                   TYPE-   C COUNTY-STARK
   36 1000 01   CANTON CITY HEALTH DEPARTMENT AIR POLLUTION CONTROL DIVISION          25
  CINCINNATI
   SITE 01      PUBLIC LIBRARY BUILDING 800 VINE STREET   TYPE-   C COUNTY-HAMILTON
   36 1220 01   BUR OF AIR POLL CONTROL AND HEATING INSP CITY DEPT OF SAFETY          80

   SITE 02      COLLEGE HILL 1654 MARLOWE AVENUE            TYPE-   R COUNTY-HAMILTON
   36 1220 02   CITY OF CINCINNATI DIVISION OF AIR POLLUTION CONTROL
                                                                                      30
   SITE 03      CENTRAL AVENUE + ANN STREET                 TYPE-   C COUNTY-HAMILTON
   36 1220 03   UNITED STATES PUBLIC HEALTH SERVICE
                                                                                      25
  CLEVELAND
   SITE 01      CLEVELAND HEALTH MUSEUM 8911 EUCLID AVE    TYPE-   C COUNTY-CUYAHOGA
   36 1300 01   CITY DEPARTMENT OF HEALTH + WELFARE
                                                                                      50
  COLUMBUS
   SITE 01      HLTH + SAFETY CENTER 181 S WASH BLVD        TYPE-  IC COUNTY-FRANKLIN
   36 1460 01    CITY DIV OF SMOKE REGULATION + INSP DEPT OF PUBLIC SAFETY            62
  DAYTON
   SITE 01      MUNICIPAL BUILDING 101 W THIRD STREET       TYPE-   I COUNTY-MONTGOMERY
   36 1660 01   CITY BUR OF COMBUSTION CONTROL CITY DIV OF BUILDING INSPECT           88
  HAMILTON
   SITE 01      2 HIGH STREET                               TYPE-   C COUNTY-BUTLER
   36 2700 01   OHIO DEPARTMENT OF HEALTH
                                                                                     110
  LORAIN
   SITE 01      WATER WORKS OFFICE BLDG 1106 FIRST ST       TYPE-  IC COUNTY-LORAIN
   36 3620 01   CITY DEPARTMENT OF PUBLIC SERVICE
                                                                                      15
  STEUBENVILLE
   SITE 01      CITY ANNEX BUILDING 308 MARKET STREET       TYPE-   C COUNTY-JEFFERSON
   36 6420 01   CITY OF STEUBENVILLE AIR POLLUTION BUREAU
                                                                                      30
  TOLEDO
   SITE 01      WATER DEPARTMENT GARAGE 635 N ERIE ST       TYPE-  IC COUNTY-LUCAS
   36 6600 01   DIV OF AIR AND WATER POLL CONTROL CITY DEPT OF PUBLIC SERVICE         24
  YOUNGSTOWN
   SITE 01      CITY HALL BOARDMAN + PHELPS STREETS         TYPE-  IC COUNTY-MAHONING
   36 7760 01   DIVISION OF ENGINEERING CITY DEPARTMENT OF PUBLIC WORKS              105

 OKLAHOMA
  CHEROKEE COUNTY
   SITE 01      TAHLEQUAH CITY WATER PLANT                  TYPE-   N TAHLEQUAH CITY WATER PLA
   37 0480 01   CHEROKEE COUNTY HEALTH DEPARTMENT
                                                                                       4
  OKLAHOMA CITY
   SITE 01      MUNICIPAL BLDG. 200 N. WALKER OKLAHOMA CI TYPE-   C COUNTY-OKLAHOMA
   37 2200 01   OKLA. CITY-COUNTY HEALTH DEPT.
                                                                                      50
  TULSA
   SITE 01      TULSA CITY-COUNTY HEALTH DEPARTMENT         TYPE-   R COUNTY-TULSA
   37 3000 01   TULSA CITY-COUNTY HEALTH DEPARTMENT
                                                                                      27
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OREGON
 CURRY COUNTY
  SITE 01      CAPE BLANCO LIGHT STATION P O BOX N (SIXE TYPE-   N P O BOX N (SIXES)
  38 0440 01   UNITED STATES COAST GUARD
                                                                                    3
 MEDFORD
  SITE 01      JACKSON CO CT HOUSE ANX 10 S OAKDALE ST   TYPE-  RC COUNTY-JACKSON
  38 1160 01   STATE SANITARY AUTHORITY STATE BOARD OF HEALTH
                                                                                   40
 PORTLAND
  SITE 01      STATE OFFICE BUILDING 1400 SW 5TH AVE     TYPE-   C COUNTY-MULTNOMAH
  38 1460 01   STATE SANITARY AUTHORITY STATE BOARD OF HEALTH
                                                                                  125
PENNSYLVANIA
 ALLENTOWN
  SITE 01      635 LINDEN STREET + 435 HAMILTON STREET   TYPE-   C COUNTY-LEHIGH
  39 0120 01   BI-CITY HEALTH UNIT
                                                                                   83
 ALTOONA
  SITE 01      CITY HALL 12TH STREET + 13TH AVENUE       TYPE-  RC COUNTY-BLAIR
  39 0140 01   CITY DEPARTMENT OF WATER PARKS + PUBLIC PROPERTY
                                                                                   70
 BETHLEHEM
  SITE 02      ROOF OF PUBLIC SAFETY BLDG 10 E CHURCH    TYPE- IRC COUNTY-NORTHUMBERLAND
  39 0780 02   BI-CITY HEALTH UNIT
                                                                                   41
 CLARION COUNTY
  SITE 01      COOK FOREST STATE PARK                    TYPE-   N COOK FOREST STATE PARK
  39 1760 01   STATE DEPARTMENT OF FORESTS + WATERS
                                                                                   24
 HARRISBURG
  SITE 01      7TH + FORESTER                            TYPE-  IC COUNTY-DAUPHIN
  39 3880 01   STATE DEPARTMENT OF HEALTH
                                                                                  135
 HAZELTON
  SITE 01      WEST GREEN + NORTH CHURCH STREETS         TYPE-(*)  COUNTY-LUZERNE
  39 3960 01   AGENCY NOT IDENTIFIED
                                                                                  (*)
 JOHNSTOWN
  SITE 01      PUBLIC SAFETY BLDG MARKET + WASH STREETS  TYPE-  IC COUNTY-CAMBRIA
  39 4460 01   CITY FIRE DEPARTMENT
                                                                                   80
 PHILADELPHIA
  SITE 01      A P C LABORATORY 3200 FRANKFORD AVE       TYPE-   I COUNTY-PHILADELPHIA
  39 7140 01   DIV OF AIR POLL CONTROL + ENV SANITATION DEPT OF PUB HLTH
                                                                                   27
  SITE 02      2031 RACE STREET                          TYPE-   R COUNTY-PHILADELPHIA
  39 7140 02   U S PUBLIC HEALTH SERVICE
                                                                                   15
 PITTSBURGH
  SITE 01      COUNTY OFFICE BLDG FORBES AVE AT ROSS ST  TYPE-   C COUNTY-ALLEGHENY
  39 7260 01   BUREAU OF AIR POLL CONTROL ALLEGHENY COUNTY DEPT OF HEALTH
                                                                                  160
 READING
  SITE 01      CITY HALL 8TH + WASHINGTON STREETS        TYPE- IRC COUNTY-BERKS
  39 7620 01   CITY BUREAU OF HEALTH
                                                                                   40
 SCRANTON
  SITE 01      FIRE STATION WASHINGTON + MULBERRY STS    TYPE-   C COUNTY-LACKAWANNA
  39 8040 01   STATE DEPARTMENT OF HEALTH
                                                                                   15
 WARMINSTER
  SITE 01      BRISTOL ROAD                              TYPE-   R COUNTY-BUCKS
  39 9160 01   STATE DEPARTMENT OF HEALTH
                                                                                   14
 WEST CHESTER
  SITE 01      PLANT CONTROL BLDG RT 3 + WESTTOWN WAY    TYPE-   R COUNTY-CHESTER
  39 9280 01   STATE DEPARTMENT OF HEALTH
                                                                                   10
 WILKES BARRE
  SITE 01      71 N FRANKLIN                             TYPE-   C COUNTY-LUZERNE
  39 9430 01   PENNSYLVANIA DEPARTMENT OF HEALTH
                                                                                   30
 YORK
  SITE 01      LAUREL FIRE CO BLDG DUKE + KING STS       TYPE-   C COUNTY-YORK
  39 9560 01   CITY DEPARTMENT OF HEALTH
                                                                                   40
  SITE 02      3RD FLOOR CITY HALL 50 W KING ST          TYPE-   C COUNTY-YORK
  39 9560 02   CITY OF YORK DEPARTMENT OF HEALTH
                                                                                   48
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PUERTO RICO
 BAYAMON
  SITE 01     FORT BUCHANAN WAREHOUSE #616                 TYPE-  IS                          25
  40 0380 01  PUERTO RICO DEPARTMENT OF HEALTH

  SITE 02     BAYAMON HEALTH CENTER #4 MANUEL A ROSSI   TYPE-   C COUNTY-BAYAMON             15
  40 0380 02  PUERTO RICO DEPARTMENT OF HEALTH

 CATANO
  SITE 02     SEWAGE + WATER AUTHORITY PUMP HOUSE          TYPE- RCS COUNTY-CATANO            12
  40 0560 02  COMMONWEALTH OF PUERTO RICO DEPARTMENT OF HEALTH

 GUAYANILLA
  SITE 01     PUBLIC SCHOOL LUNCH ROOM BO MACANA           TYPE-    N                          9
  40 1080 01  PUERTO RICO DEPARTMENT OF HEALTH

 PONCE
  SITE 01     LOPEZ MEMORIAL CEMENTARIO ST NO 20           TYPE-  RC                          19
  40 1920 01  PONCE DISTRICT HOSPITAL

RHODE ISLAND
 EAST PROVIDENCE
  SITE 01     CENTRAL JR HIGH SCHOOL TAUTON AVENUE         TYPE-  RC COUNTY-PROVIDENCE        48
  41 0120 01  PROVIDENCE HEALTH DEPARTMENT

 PROVIDENCE
  SITE 01     POLICE HQ BLDG FOUNT STREET AT LASALLE SQ TYPE- IRC COUNTY-PROVIDENCE          45
  41 0300 01  CITY DEPARTMENT OF BUILDING INSPECTION

 WASHINGTON COUNTY
  SITE 01     PINE HILL FIRE TOWER (EXETER)                 TYPE-   N PINE HILL FIRE TOWER     19
  41 0380 01  STATE DEPARTMENT OF AGRICULTURE + CONSERVATION

SOUTH CAROLINA
 COLUMBIA
  SITE 01     1600 ASSEMBLY STREET                          TYPE-   C COUNTY-RICHLAND          27
  42 0760 01  SOUTH CAROLINA POLLUTION CONTROL AUTHORITY

 GREENVILLE
  SITE 01     CITY CURB MARKET ELFORD+MAIN STS              TYPE-   C COUNTY-GREENVILLE        20
  42 1180 01  SOUTH CAROLINA POLLUTION CONTROL AUTHORITY

 RICHLAND COUNTY
  SITE 01     LIVESTOCK LAB CLEMSON COLL EXPER STA          TYPE-   N CLEMSON COLL EXP STA    440
  42 1900 01  CLEMSON AGRICULTURE COLLEGE + U S DEPT OF AGRICULTURE

SOUTH DAKOTA
 BLACK HILLS NAT FOR
  SITE 01     TEPEE WORK CENTER BLACK HILLS NATL FOREST TYPE-   N BLACK HILLS NATL FOREST   2
  43 0420 01  U S FOREST SERVICE

 SIOUX FALLS
  SITE 01     CITY HALL 224 WEST 9TH                        TYPE- IRC COUNTY-MINNEHAHA         44
  43 1480 01  CITY HEALTH DEPARTMENT

TENNESSEE
 CHATTANOOGA
  SITE 01     U S POST OFFICE 9TH ST + GEORGIA AVE          TYPE-   C COUNTY-HAMILTON          85
  44 0380 01  BUREAU OF AIR POLLUTION CONTROL + BOILER INSPECTION

 KNOXVILLE
  SITE 01     MASONIC TEMPLE 505 LOCUST STREET              TYPE- IRC COUNTY-KNOX              70
  44 1740 01  DIV OF SMOKE REG + BOILER INSPECTION CITY DEPT OF PUB SAFETY

 MEMPHIS
  SITE 01     HEALTH DEPT BLDG 814 JEFFERSON STREET         TYPE-   C COUNTY-SHELBY            35
  44 2340 01  MEMPHIS-SHELBY COUNTY HEALTH DEPARTMENT

 NASHVILLE
  SITE 01     CITY-COUNTY BUILDING PUBLIC SQUARE            TYPE- IRC COUNTY-DAVIDSON          90
  44 2540 01  BUREAU OF INSPECTION + PERMITS CITY DEPT OF PUBLIC WORKS

TEXAS
 AUSTIN
  SITE 01     CITY HALL ROOF COLORADO + 8TH STREET          TYPE-  RC COUNTY-TRAVIS           38
  45 0220 01  CITY COUNTY HEALTH DEPARTMENT
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BAYTOWN
 SITE 01      ROSELAND PARK                                TYPE-   S COUNTY-HARRIS
 45 0320 01   TEXAS STATE DEPARTMENT OF HEALTH                                          12

 SITE 02      PARK STREET WATER TOWER                      TYPE-   C COUNTY-HARRIS
 45 0320 02   TEXAS STATE DEPARTMENT OF HEALTH                                          00

CHAMBERS COUNTY
 SITE 01      FIRE STATION (BEACH CITY)                    TYPE-   N BEACH CITY FIRE STATION
 45 0860 01   TEXAS STATE DEPARTMENT OF HEALTH                                           5

 SITE 02      FIRE STATION (MT BELVIEW)                    TYPE-  IC MT BELVIEW FIRE STATION
 45 0860 02   TEXAS STATE DEPARTMENT OF HEALTH                                           5

CLUTE CITY
 SITE 01      COBB FIELD                                   TYPE-   R COUNTY-BRAZORIA
 45 0950 01   TEXAS STATE DEPARTMENT OF HEALTH                                          18

CORPUS CHRISTI
 SITE 01      3041 MORGAN STREET                           TYPE-  RC COUNTY-NUECES
 45 1150 01   TEXAS STATE DEPARTMENT OF HEALTH                                          20

 SITE 02      8800 UPPER RIVER ROAD                        TYPE-   N COUNTY-NUECES
 45 1150 02   TEXAS STATE DEPARTMENT OF HEALTH                                          20

DALLAS
 SITE 01      CITY HALL 2015 COMMERCE STREET               TYPE-   C COUNTY-DALLAS
 45 1310 01   CITY HEALTH DEPARTMENT                                                    55

 SITE 02      2108 YOUNG STREET                            TYPE-   C COUNTY-DALLAS
 45 1310 02   DALLAS CITY HEALTH DEPARTMENT                                             12

EL PASO
 SITE 01      118 WEST MISSOURI                            TYPE-  IN COUNTY-EL PASO
 45 1700 01   TEXAS STATE DEPARTMENT OF HEALTH                                          65

FT WORTH
 SITE 01      1000 THROCKMORTON                            TYPE-  RC COUNTY-TARRANT
 45 1880 01   TEXAS STATE DEPARTMENT OF HEALTH                                          50

GALVESTON
 SITE 01      CITY HALL                                    TYPE-  RC COUNTY-GALVESTON
 45 1980 01   TEXAS STATE DEPARTMENT OF HEALTH                                          70

HOUSTON
 SITE 01      SAM HOUSTON COLISEUM 810 BAGBY STREET        TYPE-   C COUNTY-HARRIS
 45 2560 01   CITY HEALTH DEPARTMENT                                                    50

LAREDO
 SITE 01      2420 SAN BERANRDO                            TYPE-   C COUNTY-WEBB
 45 3140 01   TEXAS STATE DEPARTMENT OF HEALTH                                           4

LUBBOCK
 SITE 01      CENTRAL FIRE STATION 1100 6TH + K STREETS TYPE-   C COUNTY-LUBBOCK
 45 3340 01   LUBBOCK CITY-COUNTY HEALTH DEPT                                           14

MCALLEN
 SITE 01      1920 BEECH AVENUE                            TYPE-  IR COUNTY-HIDALGO
 45 3390 01   TEXAS STATE DEPARTMENT OF HEALTH                                          30

MATAGORDA COUNTY
 SITE 01      COLORADO RIVER LOCKS                         TYPE-   N COLORADO RIVER LOCKS
 45 3530 01   MATAGORDA COUNTY HEALTH DEPARTMENT                                         4

ODESSA
 SITE 01      SEVENTH + N DIXIE STREETS                    TYPE- IRC COUNTY-ECTOR
 45 3910 01   TEXAS STATE DEPARTMENT OF HEALTH                                          12

ORANGE
 SITE 01      SEVENTH STREET AT ELM                        TYPE-  RC COUNTY-ORANGE
 45 3950 01   TEXAS STATE DEPARTMENT OF HEALTH                                          23

PASADENA
 SITE 01      ROOF OF CITY HALL 1211 E SOUTHMORE           TYPE-   C COUNTY-HARRIS
 45 4060 01   HEALTH DEPARTMENT OF PASADENA                                             15

SAN ANTONIO
 SITE 01      CORPORATION COURT 302 S LAREDO               TYPE-   C COUNTY-BEXAR
 45 4570 01   SAN ANTONIO METROPOLITAN HEALTH DISTRICT                                  15
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TEXARKANA
 SITE 01      NEW BOSTON ROAD                            TYPE-  IC COUNTY-BOWIE
 45 5160 01   TEXAS STATE DEPARTMENT OF HEALTH                                               2

TEXAS CITY
 SITE 01      CITY HALL                                  TYPE- IRC COUNTY-GALVESTON
 45 5170 01   TEXAS STATE DEPARTMENT OF HEALTH                                              23
TYLER
 SITE 01      CITY HALL                                  TYPE-   C COUNTY-SMITH
 45 5240 01   TEXAS STATE DEPARTMENT OF HEALTH                                              24

WACO
 SITE 01      CITY HALL                                  TYPE-   C COUNTY-MC LENNAN
 45 5370 01   TEXAS STATE DEPARTMENT OF HEALTH                                              60

WICHITA FALLS
 SITE 01      602 BROAD STREET                           TYPE-  RC COUNTY-WICHITA
 45 5560 01   TEXAS STATE DEPARTMENT OF HEALTH                                              15

UTAH
 OGDEN
 SITE 01      2570 GRANT AVENUE                          TYPE-  RC COUNTY-WEBER
 46 0680 01   WEBER COUNTY HEALTH DEPARTMENT                                                15

SALT LAKE CITY
 SITE 01      HEALTH DEPT BLDG 610 SOUTH 2ND EAST        TYPE- IRC COUNTY-SALT LAKE
 46 0920 01   STATE DEPARTMENT OF HEALTH                                                    30

VERMONT
 BURLINGTON
 SITE 01      STATE HLTH BLDG 115 COLCHESTER AVENUE      TYPE- IRC COUNTY-CHITTENDEN
 47 0140 01   STATE DEPARTMENT OF HEALTH                                                    26

ORANGE COUNTY
 SITE 01      VERMONT AGR + TECH NST RANDOLPH CENTER     TYPE-   N VERMONT AGR + TECH INS
 47 0360 01   STATE DEPARTMENT OF HEALTH                                                    35

VIRGINIA
 DANVILLE
 SITE 01      427 PATTON STREET                          TYPE-   I COUNTY-PITTSYLVANIA
 48 0920 01   CITY HEALTH DEPARTMENT                                                        60

HAMPTON
 SITE 01      VA ELEC POWR CO OFF BLD PEMBROKE + G ST    TYPE- IRC COUNTY-DINWIDDIE
 48 1440 01   CITY HEALTH DEPARTMENT                                                        33

LYNCHBURG
 SITE 01      CITY HALL 917 CHURCH STREET                TYPE-   C COUNTY-CAMPBELL
 48 1840 01   CITY WATER DEPARTMENT                                                         20

NORFOLK
 SITE 01      CITY SOCIAL SERV BLDG 235 E PLUM STREET    TYPE-   C COUNTY-NORFOLK
 48 2140 01   CITY HEALTH DEPARTMENT                                                         5

SHENANDOAH NAT PK
 SITE 01      PARK ADMINISTRATION BUILDING               TYPE-   N SHENANDOAH NAT PARK
 48 2320 01   NATIONAL PARK SERVICE                                                        100

PORTSMOUTH
 SITE 01      ROOF OF CITY HLTH BLDG, 301 S GREEN ST     TYPE-   C COUNTY-ISLE OF WIGHT
 48 2440 01   PORTSMOUTH CITY HEALTH DEPARTMENT                                             16

RICHMOND
 SITE 01      MOSQUE BLDG LAUREL + MAIN STREETS          TYPE-  RC COUNTY-HENRICO
 48 2660 01   CITY DIV OF AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY                  85

 SITE 02      SAFETY HEALTH WELFARE BLDG 501 N 9TH ST    TYPE-   C COUNTY-HENRICO
 48 2660 02   BUREAU OF AIR POLLUTION CONTROL RICHMOND VIRGINIA                             40

ROANOKE
 SITE 01      HEALTH CENTER 518 8TH STREET S W           TYPE-  IC COUNTY-ROANOKE
 48 2700 01   CITY DEPARTMENT OF AIR POLLUTION CONTROL                                      30


WASHINGTON
 AUBURN
 SITE 01      100 30TH NORTHEAST                         TYPE-  IC COUNTY-KING
 49 0100 01   PUGET SOUND AIR POLLUTION CONTROL AGENCY                                      10
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BELLEVLE
 SITE 01       14822 BELLEVUE-REDMOND ROAD                  TYPE-  CS COUNTY-KING
 49 0120 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     20

BELLINGHAM
 SITE 01       3410 MARINE DRIVE BELLINGHAM WASH 98225      TYPE-   I COUNTY-WHATCOM
 49 0140 01    WASHINGTON STATE DEPARTMENT OF HEALTH                                       (*)

BREMERTON
 SITE 01       CITY HALL                                    TYPE-   R COUNTY-KITSAP
 49 0180 01    KITSAP COUNTY                                                                35

EVERETT
 SITE 01       709 BROADWAY                                 TYPE-  RC COUNTY-SNOHOMISH
 49 0640 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     12

 SITE 02       CITY HALL WALL + WETMORE                     TYPE-   C COUNTY-SNOHOMISH
 49 0640 02    SNOHOMISH COUNTY HEALTH DEPARTMENT                                           46

KING COUNTY
 SITE 01       TOLT RIVER WATERSHED                         TYPE-   N TOLT RIVER WATERSHED
 49 0980 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     14

MARYSVILLE
 SITE 01       1513 7TH STREET                              TYPE-   C COUNTY-SNOHOMISH
 49 1200 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     50

OLYMPIA
 SITE 01       7TH AND COLUMBIA                             TYPE-   C COUNTY-THURSTON
 49 1400 01    WASHINGTON STATE DEPARTMENT OF HEALTH                                        30

PIERCE COUNTY
 SITE 01       5616 20TH STREET EAST                        TYPE-  IS COUNTY-PIERCE
 49 1560 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     50

RENTON
 SITE 01       12015 SOUTHEAST 128TH                        TYPE-  CS COUNTY-KING
 49 1760 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     12
SEATTLE
 SITE 01       PUBLIC SAFETY BUILDING 604-THIRD AVENUE      TYPE-   C COUNTY-KING
 49 1840 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     80

 SITE 02       1510 SMITH TOWER 2ND AVENUE + YESLER         TYPE-   C COUNTY-KING
 49 1840 02    WASHINGTON STATE HEALTH DEPARTMENT                                          229

 SITE 05       3224-4TH AVENUE SOUTH                        TYPE-   I COUNTY-KING
 49 1840 05    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     14

 SITE 06       5960 RAINIER AVENUE SOUTH                    TYPE-   R COUNTY-KING
 49 1840 06    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     12

 SITE 07       WEST COMMODORE WAY                           TYPE-  IC COUNTY-KING
 49 1840 07    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     12

 SITE 09       SEATTLE CENTER  305 HARRISON STREET          TYPE-  RC COUNTY-KING
 49 1840 09    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     75

SPOKANE
 SITE 01       CITY HALL 221 NORTH WALL STREET              TYPE-   C COUNTY-SPOKANE
 49 2040 01    SPOKANE COUNTY AIR POLLUTION CONTROL AUTHORITY                               84

TACOMA
 SITE 01       901 TACOMA AVENUE SOUTH                      TYPE-   C COUNTY-PIERCE
 49 2140 01    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     35

 SITE 02       4500 STEILACOOM BLVD  BLDG 8                 TYPE-  CS COUNTY-PIERCE
 49 2140 02    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     50

 SITE 03       N 26TH + PEARL                               TYPE- IRC COUNTY-PIERCE
 49 2140 03    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     12

 SITE 04       1401 THORNE ROAD                             TYPE-   I COUNTY-PIERCE
 49 2140 04    PUGET SOUND AIR POLLUTION CONTROL AGENCY                                     30

VANCOUVER
 SITE 01       COURT HOUSE                                  TYPE-   C COUNTY-CLARK
 49 2220 01    CLARK COUNTY AIR POLLUTION CONTROL AUTHORITY                                 55
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WEST VIRGINIA
 CHARLESTON
  SITE 01       STATE PARKING BUILDING 212 CALIFORNIA     TYPE-  RC COUNTY-KANAWHA              80
  50 0280 01    STATE DEPARTMENT OF HEALTH

WISCONSIN
 DOOR COUNTY
  SITE 01       GOLF C EQPMNT BLDG PENINSULA STATE PARK   TYPE-   N PENINSULA STATE PARK         0
  51 0780 01    STATE CONSERVATION DEPARTMENT

 EAU CLAIRE
  SITE 01       314 EAST GRAND AVE (EAU CLAIRE)           TYPE-   C COUNTY-EAU CLAIRE           62
  51 0840 01    WISCONSIN STATE BOARD OF HEALTH

 KENOSHA
  SITE 01       625-52ND STREET- VOCATIONAL SCHOOL        TYPE- IRC COUNTY-KENOSHA              38
  51 1540 01    CITY HEALTH DEPARTMENT

 MADISON
  SITE 01       CITY-COUNTY BUILDING 202 MONONA AVENUE    TYPE-  IC COUNTY-DANE                 15
  51 1860 01    CITY DEPARTMENT OF PUBLIC HEALTH

 MILWAUKEE
  SITE 01       PUBLIC LIBRARY 814 W WISCONSIN AVENUE     TYPE-  IC COUNTY-MILWAUKEE            60
  51 2200 01    MILWAUKEE COUNTY DEPARTMENT OF AIR POLLUTION CONTROL

 SUPERIOR
  SITE 01       DOUGLAS CO COURT HOUSE 1313 BELKNAP ST    TYPE-   C COUNTY-DOUGLAS              39
  51 3480 01    WISCONSIN STATE BOARD OF HEALTH

WYOMING
 CASPER
  SITE 01       CITY COUNTY BLDG CENTER + C STREETS       TYPE-   C COUNTY-NATRONA              75
  52 0120 01    CASPERINATRONA COUNTY HEALTH DEPARTMENT

 CHEYENNE
  SITE 01       STATE OFFICE BLDG 23RD + CENTRAL ACENUE   TYPE-   C COUNTY-LARAMIE              53
  52 0140 01    STATE DEPARTMENT OF PUBLIC HEALTH

 YELLOWSTONE PARK
  SITE 01       SUPERINTENDENT MAMMOTH AREA OF PARK       TYPE-   N MAMMOTH AREA OF PARK        11
  52 0860 01    NATIONAL PARK SERVICE
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APPENDIX B.

SITES REPORTING METALS DATA, 1966 THROUGH 1967

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ALABAMA
 BIRMINGHAM
  SITE 01       UNIV MED + DENTAL BLDG 619 SO 19TH ST       TYPE-  RC COUNTY-JEFFERSON
  01 0380 01    JEFFERSON COUNTY HEALTH DEPARTMENT
                                                                                      42
 GADSDEN
  SITE 01       109 SOUTH 8TH STREET
  01 1480 01    ETOWAH COUNTY HEALTH DEPARTMENT             TYPE- IRC COUNTY-ETOWAH
                                                                                      25
 HUNTSVILLE
  SITE 01       ROOF OF HEALTH BLDG 304 EUSTIS AVENUE       TYPE-  RC COUNTY-MADISON
  01 1860 01    DEPARTMENT OF PUBLIC HEALTH
                                                                                      32
 MOBILE
  SITE 01       CENTRAL FIRE STA 701 ST FRANCIS STREET      TYPE-  RC COUNTY-MOBILE
  01 2380 01    MOBILE COUNTY BOARD OF HEALTH
                                                                                      45
 MONTGOMERY
  SITE 01       COUNTY HLTH CENTER 515 W JEFF DAVIS AVE     TYPE-  RC COUNTY-MONTGOMERY
  01 2460 01    MONTGOMERY COUNTY HEALTH DEPARTMENT
                                                                                      40
ALASKA
 ANCHORAGE
  SITE 02       GR ANCHORAGE AREA HLTH DEPT 217 E ST        TYPE-   C
  02 0040 02    GREATER ANCHORAGE AREA BOROUGH HEALTH DEPARTMENT
                                                                                      19
  SITE 03       527 E 4TH
  02 0040 03    AGENCY NOT IDENTIFIED                       TYPE-(*)
                                                                                     (*)
 FAIRBANKS
  SITE 01       FAIRBANKS POST OFFICE 3RD + CUSHMAN         TYPE- IRC
  02 0160 01    ARCTIC HEALTH RESEARCH LABORATORY
                                                                                       3
ARIZONA
 GRAND CANYON NAT PK
  SITE 01       VISITOR CENTER GRAND CANYON VILLAGE REG     TYPE-   N GRAND CANYON PARK
  03 0200 01    NATIONAL PARK SERVICE
                                                                                       4
 MARICOPA COUNTY
  SITE 01       8102 N MUMMY MTN ROAD (SCOTTSDALE)          TYPE-   R COUNTY-MARICOPA
  03 0440 01    MUMMY MTN ASTRONOMICAL OBSER + USWB PARADISE VALLEY STATION
                                                                                       3
 PHOENIX
  SITE 02       CO HLTH DEPT BLDG 1825 E ROOSEVELT ST       TYPE-   R COUNTY-MARICOPA
  03 0600 02    MARICOPA COUNTY HEALTH DEPARTMENT
                                                                                      15
 TUCSON
  SITE 01       UNIVERSITY OF ARIZONA MTN AVE + 2ND ST      TYPE-  RC COUNTY-PIMA
  03 0860 01    DEPARTMENT OF CIVIL ENGINEERING UNIVERSITY OF ARIZONIA
                                                                                       1
ARKANSAS
 LITTLE ROCK
  SITE 01       POLICE + COURTS BLDG-700 W MARKHAM          TYPE-   C COUNTY-PULASKI
  04 1440 01    ARKANSAS POLLUTION CONTROL COMMISSION
                                                                                      40
 MONTGOMERY COUNTY
  SITE 01       FOREST RANGER STA OUACHITA NATL FOREST      TYPE-   N OUACHITA NATL FOREST
  04 1760 01    UNITED STATES FORESTRY SERVICE
                                                                                       3
 TEXARKANA
  SITE 01       FEDERAL BUILDING POST OFFICE                TYPE-   C COUNTY-LAFAYETTE
  04 2560 01    ARKANSAS POLLUTION CONTROL COMMISSION
                                                                                      70
 WEST MEMPHIS
  SITE 01       FIRE STATION NO 1 SEVENTH + THOMPSON        TYPE-  RC COUNTY-CRITTENDEN
  04 2740 01    ARKANSAS POLLUTION CONTROL COMMISSION
                                                                                      30
CALIFORNIA
 BURBANK
  SITE 02       228 WEST PALM AVENUE
  05 0900 02    LOS ANGELES AIR POLLUTION CONTROL DISTRICT TYPE- IRC COUNTY-LOS ANGELES
                                                                                      15
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GLENDALE
 SITE 01      145 NORTH HOWARD STREET                      TYPE-(*)  COUNTY-LOS ANGELES
 05 2940 01  GLENDALE DEPARTMENT OF PUBLIC SERVICE                                          (*)

HUMBOLDT COUNTY
 SITE 01      TRINIDAD LIGHT STATION                       TYPE-    N TRINIDAD LIGHT STATION
 05 3300 01  UNITED STATES COAST GUARD                                                         5

LONG BEACH
 SITE 01      CITY HLTH DEPT BLDG 2655 PINE AVENUE         TYPE-  RC COUNTY-LOS ANGELES
 05 4100 01  CITY DEPARTMENT OF PUBLIC HEALTH                                                 25

LOS ANGELES
 SITE 01      LACAPCD HQ BLDG 434 S SAN PEDRO ST           TYPE-  IC COUNTY-LOS ANGELES
 05 4180 01  L A COUNTY AIR POLLUTION CONTROL DISTRICT                                        80

OAKLAND
 SITE 01      COUNTY HEADQUARTERS BLDG 499 FIFTH ST        TYPE-  IC COUNTY-ALAMEDA
 05 5300 01  ALAMEDA COUNTY HEALTH DEPARTMENT                                                 62

PASADENA
 SITE 01      862 EAST VILLA STREET                        TYPE-  RC COUNTY-LOS ANGELES
 05 5760 01  L A COUNTY AIR POLLUTION CONTROL DISTRICT                                         5

SAN DIEGO
 SITE 01      CITY PUBLIC LIBRARY 820 E STREET             TYPE-   C COUNTY-SAN DIEGO
 05 6900 01  COUNTY DEPARTMENT OF PUBLIC HEALTH                                               42

SAN FRANCISCO
 SITE 01      HEALTH DEPT BUILDING 101 GROVE STREET        TYPE-   C COUNTY-SAN FRANCISCO
 05 6960 01  SAN FRANCISCO HEALTH DEPARTMENT                                                  32

COLORADO
 DENVER
 SITE 01      SCHOOL ADMINISTRATION BLDG 414 14TH ST       TYPE-   C COUNTY-DENVER
 06 0580 01  COLORADO STATE HEALTH DEPARTMENT                                                 50

MESA VERDE NAT PK
 SITE 01      CHAPIN MESA MESA VERDE NATIONAL PARK         TYPE-   N MESA VERDE NAT PARK
 06 1600 01  NATIONAL PARK SERVICE                                                            21

CONNECTICUT
 HARTFORD
 SITE 01      10 CLINTON ST (ROOF OF LAB DIV BLDG)         TYPE-   C COUNTY-HARTFORD
 07 0420 01  CONNECTICUT STATE DEPT OF HEALTH LABORATORY DIVISION                             60

NEW HAVEN
 SITE 01      BULLARD BUILDING 270 ORANGE STREET           TYPE-   C COUNTY-NEW HAVEN
 07 0700 01  DEPARTMENT OF HEALTH CITY OF NEW HAVEN                                           72

DELAWARE
 KENT COUNTY
 SITE 01      HQ BLDG, BOMBAY HOOK NATL WILDLIFE REFUGE TYPE-   N BOMBAY HOOK NAT REFUGE
 08 0060 01  AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH                                    11

NEWARK
 SITE 01      INSECTORY EXPER FARM 521 S COLLEGE AVE   TYPE- IRC COUNTY-NEW CASTLE
 08 0140 01  AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH                                    14

WILMINGTON
 SITE 01      PUBLIC BUILDING 1000 KING STREET             TYPE- IRC COUNTY-NEW CASTLE
 08 0260 01  CITY DEPARTMENT OF HEALTH                                                        44

DC
 WASHINGTON
 SITE 01      MUNICIPAL BLDG 301 INDIANA AVE N W           TYPE-  RC COUNTY-DST OF COLUMBIA
 09 0020 01  DISTRICT OF COLUMBIA DEPARTMENT OF PUBLIC HEALTH                                 85

GEORGIA
 ATLANTA
 SITE 01      FULTON COUNTY HEALTH DEPT 99 BUTLER ST SE TYPE-  IC COUNTY-FULTON
 11 0200 01  FULTON COUNTY HEALTH DEPARTMENT                                                  20

HAWAII
 HONOLULU
 SITE 01      STATE DEPT HLTH BLDG 1250 PUNCH BOWL ST   TYPE-  RC COUNTY-HONOLULU
 12 0120 01  STATE DEPARTMENT OF HEALTH                                                       40
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IDAHO
 BOISE
  SITE 01      CENTRAL FIRE STATION STATE + IDAHO STS    TYPE-   C COUNTY-ADA
  13 0220 01  CITY-COUNTY HEALTH DEPARTMENT
                                                                                50
 BUTTE COUNTY
  SITE 01      H Q AREA CRATERS OF THE MOON NATL MON     TYPE-   N CRATERS OF MOON NAT MON
  13 0340 01  NATIONAL PARK SERVICE
                                                                                 6
ILLINOIS
 CHICAGO
  SITE 01      CITY OFFICE BLDG 320 NORTH CLARK STREET   TYPE-   C COUNTY-COOK
  14 1220 01  CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL
                                                                               100
 EAST ST LOUIS
  SITE 01      STADIUM MOTOR HOTEL 435 BROADWAY          TYPE-  IC COUNTY-ST CLAIR
  14 2120 01  EAST SIDE HEALTH DISTRICT
                                                                                90
 ROCKFORD
  SITE 01      OLD CITY HALL 126 SOUTH FIRST STREET      TYPE- IRC COUNTY-WINNEBAGO
  14 6680 01  CITY DEPARTMENT OF PUBLIC HEALTH
                                                                                30
 SPRINGFIELD
  SITE 01      MUNICIPAL BLDG 7TH STREET AT MONROE       TYPE- IRC COUNTY-SANGAMON
  14 7280 01  DEPARTMENT OF PUBLIC HEALTH  + SAFETY
                                                                                20
INDIANA
 EAST CHICAGO
  SITE 01      CENTRAL FIRE STATION 450 E COLUMBUS DR    TYPE-   I COUNTY-LAKE
  15 1180 01  CITY BUREAU OF AIR POLLUTION CONTROL
                                                                                35
 HAMMOND
  SITE 01      GOLDBLATT BROS DEPT STORE 5206 HOHMAN AVE TYPE-  RC COUNTY-LAKE
  15 1780 01  CITY HEALTH DEPARTMENT
                                                                                55
 INDIANAPOLIS
  SITE 01      FIRE STATION NO 301 EAST NEW YORK STREET  TYPE-   C COUNTY-MARION
  15 2040 01  CITY BUREAU OF AIR POLLUTION CONTROL
                                                                                35
 MONROE COUNTY
  SITE 01      BUILDING CABIN RT 3 (MARTINSVILLE)        TYPE-   N M MONROE STATE FOREST
  15 2800 01  AIR POLL CONT SECT DIV SAN ENG IND ST BOARD OF HEALTH
                                                                                 5
 MUNCIE
  SITE 01      214 EAST WASHINGTON STREET POLICE GARAGE  TYPE-   C COUNTY-DELAWARE
  15 2920 01  CITY OF MUNCIE
                                                                                50
 NEW ALBANY
  SITE 02      CITY:COUNTY BUILDING                      TYPE- IRC COUNTY-FLOYD
  15 2980 02  NEW ALBANY : FLOYD COUNTY HEALTH DEPARTMENT
                                                                                50
 PARKE COUNTY
  SITE 01      TURKEY RUN STATE PARK                     TYPE-   N TURKEY RUN STATE PARK
  15 3260 01  STATE DEPARTMENT OF CONSERVATION
                                                                                 7
 SOUTH BEND
  SITE 01      PICK OLIVER HOTEL WASH + MAIN STREET      TYPE-   C COUNTY-ST JOSEPH
  15 3880 01  CITY DEPARTMENT OF ENGINEERING
                                                                                80
 TERRE HAUTE
  SITE 01      FEDERAL BLDG  7TH + CHERRY STREETS        TYPE-   C COUNTY-VIGO
  15 4080 01  CITY DEPARTMENT OF SMOKE SUPERVISION + INSPECTION
                                                                                60
IOWA
 CEDAR RAPIDS
  SITE 01      CENTRAL FIRE STATION 427 1ST ST S E       TYPE- IRC COUNTY-LINN
  16 0640 01  DEPARTMENT OF PUBLIC HEALTH
                                                                                32
 DAVENPORT
  SITE 01      FIRE STATION 331 SCOTT                    TYPE- IRC COUNTY-SCOTT
  16 1060 01  CITY BOARD OF HEALTH
                                                                                30
 DES MOINES
  SITE 01      CENTRAL FIRE STA-NO 1 9TH + MULBERRY ST   TYPE- IRC COUNTY-POLK
  16 1180 01  DES MOINES-POLK COUNTY HEALTH DEPARTMENT
                                                                                32
 DUBUQUE
  SITE 01      CITY GARAGE  18TH + ELM STREETS           TYPE-  IC COUNTY-DUBUQUE
  16 1260 01  CITY OF DUBUQUE
                                                                                21
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KANSAS
 KANSAS CITY
  SITE 01     FIRE HEADQUARTERS SIXTH + ANN AVENUES      TYPE-   C COUNTY-WYANDOTTE
  17 1800 01  KANSAS CITY-WYANDOTTE COUNTY HEALTH DEPARTMENT
                                                                                     34
 TOPEKA
  SITE 01     CITY BUILDING 215 EAST SEVENTH STREET      TYPE- IRC COUNTY-SHAWNEE
  17 3560 01  TOPEKA-SHAWNEE COUNTY HEALTH DEPARTMENT
                                                                                     62
 WICHITA
  SITE 01     FIRE STATION NO 1 402 NORTH WATER ST       TYPE-   C COUNTY-SEDGWICK
  17 3740 01  WICHITA-SEDGWICK COUNTY DEPARTMENT OF PUBLIC HEALTH
                                                                                     35
KENTUCKY
 ASHLAND
  SITE 01     KENTUCKY POWER CO 340 - 15TH STREET        TYPE-   C COUNTY-BOYD
  18 0080 01  ASHLAND - BOYD COUNTY HEALTH DEPARTMENT
                                                                                     52
 COVINGTON
  SITE 01     GAS COMP BLDG - 1 BLK N 7TH + SCOTT        TYPE- IRC COUNTY-KENTON
  18 0800 01  COVINGTON-KENTON HEALTH DEPARTMENT
                                                                                     42
 LEXINGTON
  SITE 01     COLL OF PHARMACY WASHINGTON + GLAD         TYPE-  RC COUNTY-FAYETTE
  18 2300 01  UNIVERSITY COLLEGE OF PHARMACY
                                                                                     41
 LOUISVILLE
  SITE 01     CITY POLICE HQ 633 W JEFFERSON ST          TYPE-   C COUNTY-JEFFERSON
  18 2380 01  JEFFERSON COUNTY AIR POLLUTION CONTROL DISTRICT
                                                                                     35
LOUISIANA
 NEW ORLEANS
  SITE 02     CIVIL COURTS BLDG ROOF 427 LOYOLA AVE      TYPE-   C COUNTY-ORLEANS
  19 2020 02  LOUISIANA STATE BOARD OF HEALTH
                                                                                     72
MAINE
 ACADIA NAT PK
  SITE 01     SEAWALL AREA OF PARK                       TYPE-   N ACADIA NATIONAL PARK
  20 0500 01  NATIONAL PARK SERVICE
                                                                                     15
MARYLAND
 BALTIMORE
  SITE 01     FIRE DEPT HQ BLDG 410 E LEXINGTON STREET   TYPE-   C COUNTY-BALTIMORE CITY
  21 0120 01  CITY HEALTH DEPARTMENT
                                                                                     32
 CALVERT COUNTY
  SITE 01     SOLOMONS ISLAND                            TYPE-   N SOLOMONS ISLAND
  21 0780 01  MARYLAND STATE DEPARTMENT OF HEALTH
                                                                                     10
MICHIGAN
 DETROIT
  SITE 01     PUBLIC LIBRARY 5201 WOODWARD AVENUE        TYPE-   C COUNTY-WAYNE
  23 1180 01  CITY BUREAU OF AIR POLLUTION CONTROL
                                                                                     90
 FLINT
  SITE 01     FIRE STATION ROOF DETROIT ST + 4TH AVENUE TYPE-   C COUNTY-GENESEE
  23 1580 01  CITY DEPARTMENT OF PUBLIC WORKS + UTILITIES
                                                                                     50
 GRAND RAPIDS
  SITE 01     MICHIGAN TITLE COMPANY 320 OTTAWA AVENUE  TYPE-IRC  COUNTY-KENT
  23 1820 01  CITY DEPARTMENT OF AIR POLLUTION
                                                                                     25
MINNESOTA
 DULUTH
  SITE 01     CITY HALL FOURTH AVENUE WEST + FIRST ST    TYPE- IRC COUNTY-ST LOUIS
  24 1040 01  CITY DEPARTMENT OF PUBLIC HEALTH
                                                                                     63
 MINNEAPOLIS
  SITE 01     MINN DEPT OF HEALTH BLDG 717 DELAWARE SE   TYPE-   C COUNTY-HENNEPIN
  24 2260 01  CITY OF MINNEAPOLIS AIR POLLUTION CONTROL DIVISION
                                                                                     97
 MOORHEAD
  SITE 01     OLD POST OFFICE BLDG 521 MAIN AVENUE       TYPE-   C COUNTY-CLAY
  24 2320 01  CITY OF MOORHEAD
                                                                                     28
 ST PAUL
  SITE 01     PUBLIC UTILITIES BLDG 100 EAST 10TH ST     TYPE-  IC COUNTY-RAMSEY
  24 3300 01  SMOKE ABATEMENT BOARD CITY DEPARTMENT OF PUBLIC UTILITIES
                                                                                     43
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MISSISSIPPI
 JACKSON
  SITE 01      2423 NORTH STATE STREET                   TYPE-   C COUNTY-HINDS
  25 1260 01  DEPARTMENT OF HEALTH                                                 35

 JACKSON COUNTY
  SITE 01      GULF COAST RESEARCH LAB  OCEAN SPRINGS    TYPE-   N GULF COAST RESEARCH LAB
  25 1280 01  GULF COAST RESEARCH LAB INSTITUTIONS OF HIGHER LEARNING               8

MISSOURI
 KANSAS CITY
  SITE 01      ROOF OF POLICE GARAGE NO 2 13TH + OAK ST  TYPE-   C COUNTY-JACKSON
  26 2380 01  CITY DEPARTMENT OF PUBLIC HEALTH                                     12

 ST LOUIS
  SITE 01      P O  BUILDING 18TH + MARKET STREETS       TYPE-   C COUNTY-ST LOUIS CITY
  26 4280 01  DIVISION AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY            58

 SHANNON COUNTY
  SITE 01      EMINENCE FIRE CONTROL TOWER ST HWY 19     TYPE-   N EMINENCE FIRE CONTROL TW
  26 4480 01  MISSOURI STATE CONSERVATION COMMISSION + STATE HEALTH DEPARTMENT    100

MONTANA
 GLACIER NAT PK
  SITE 01      ST MARY RANGER STATION (HARB)             TYPE-   N GLAC NATL PK BOX 14
  27 0560 01  NATIONAL PARK SERVICE                                                 3

 HELENA
  SITE 01      STATE LAB BLDG LOCKEY AV + N ROB STREETS  TYPE-  RC COUNTY-LEWIS + CLARK
  27 0720 01  STATE BOARD OF HEALTH                                                25

NEBRASKA
 OMAHA
  SITE 01      CITY HALL 18TH + FARNAM STREETS           TYPE-  IC COUNTY-DOUGLAS
  28 1980 01  SMOKE ABATEMENT DIVISION CITY DEPARTMENT OF PUBLIC SAFETY           110

 THOMAS COUNTY
  SITE 01      BESSEY NURSERY NEBRASKA NATIONAL FOREST   TYPE-   N NEBRASKA NATIONAL FOREST
  28 2480 01  UNITED STATES FOREST SERVICE                                          5

NEVADA
 LAS VEGAS
  SITE 01      FIRE ALARM BLDG 2ND + STEWART STREETS     TYPE-  IC COUNTY-CLARK
  29 0320 01  CLARK COUNTY DISTRICT HEALTH DEPARTMENT                              42

 RENO
  SITE 01      COUNTY-CITY HLTH DEPT 10 KIRMAN STREET    TYPE-  RC COUNTY-WASHOE
  29 0480 01  CITY-COUNTY DISTRICT HEALTH DEPARTMENT                               20

 WHITE PINE COUNTY
  SITE 01      LEHMAN CAVES NATIONAL MONUMENT            TYPE-   N LEHMAN CAVES NATL MON
  29 0560 01  NATIONAL PARK SERVICE                                                 3

NEW HAMPSHIRE
 CONCORD
  SITE 01      61 SOUTH SPRING STREET                    TYPE-  RC COUNTY-MERRIMACK
  30 0120 01  STATE DEPARTMENT OF HEALTH  + WELFARE                                30

 COOS COUNTY
  SITE 01      U S FISH CUL STA WHITE MT, NAT FOR        TYPE-   N WHITE MOUNTAIN NAT FOR
  30 0140 01  UNITED STATES FISH + WILDLIFE SERVICE                                 0

NEW JERSEY
 BAYONNE
  SITE 01      BAYONNE HOSPITAL RD 29TH STREET           TYPE-  IR COUNTY-HUDSON
  31 0180 01  BAYONNE DEPARTMENT OF HEALTH                                         50

 BURLINGTON COUNTY
  SITE 02      J KANE NURSERY 2102 MARLTON PIKE          TYPE-  RC COUNTY-BURLINGTON
  31 0660 02  CHERRY HILL BOARD OF HEALTH                                          12

 CAMDEN
  SITE 01      FIRE STATION  3RD + FEDERAL STREETS       TYPE- IRC COUNTY-CAMDEN
  31 0720 01  BUREAU OF FIRE DEPARTMENT OF PUBLIC SAFETY                           30

 GLASSBORO
  SITE 01      ROSS HART HALL GLASSBORO STATE COLLEGE    TYPE-  RC COUNTY-GLOUCESTER
  31 1700 01  STATE OF NEW JERSEY                                                  40
 JERSEY CITY
  SITE 01     MEDICAL CENTER GARAGE BLDG CORNEILSON AV  TYPE-  IR COUNTY-HUDSON
  31 2320 01  CITY BOARD OF HEALTH                                                      85

 NEWARK
  SITE 01     920 BROAD STREET CITY HALL                TYPE-  IC COUNTY-ESSEX
  31 3480 01  CITY DEPARTMENT OF HEALTH + WELFARE                                       65

 PATERSON
  SITE 01     BOARD OF HEALTH ROOF-MILL + PASSAIC STS   TYPE-  IC COUNTY-PASSAIC
  31 4140 01  PATERSON BOARD OF HEALTH                                                  32

 PERTH AMBOY
  SITE 01     HEALTH DEPT 260 HIGH STREET               TYPE-   R COUNTY-MIDDLESEX
  31 4220 01  BUREAU OF AIR POLLUTION CONTROL                                           15

 TRENTON
  SITE 01     COURT HOUSE (STATE HOUSE*                 TYPE- IRC COUNTY-MERCER
  31 5400 01  BUREAU OF ADULT + OCCUPATIONAL HEALTH                                     60

NEW MEXICO
 ALBUQUERQUE
  SITE 01     100 BLOCK AT TIJERAS AVE NE               TYPE- IRC COUNTY-BERNALILLO
  32 0040 01  ALBUQUERQUE DEPARTMENT OF ENVIRONMENTAL HEALTH                            42

 RIO ARRIBA COUNTY
  SITE 01     WEST OF WATER FILTER PLANT                TYPE-   N WATER FILTER PLANT
  32 0920 01  RIO ARRIBA COUNTY                                                          7

NEW YORK
 JEFFERSON COUNTY
  SITE 01     FOG SIGNAL BLDG TIMBETTS PT LIGHT STA     TYPE-   N CAPE VINCENT
  33 3340 01  UNITED STATES COAST GUARD                                                 18

 NEW YORK CITY
  SITE 01     HARLEM COURT HOUSE 170 EAST 121 STREET    TYPE-  RC COUNTY-BRONX
  33 4680 01  DEPARTMENT OF AIR POLLUTION CONTROL                                       75

NORTH CAROLINA
 CHARLOTTE
  SITE 01     400 EAST TRADE STREET                     TYPE-   C COUNTY-MECKLENBURG
  34 0700 01  CITY HEALTH DEPARTMENT                                                    62

 CAPE HATTERAS
  SITE 01     BODIE ISLAND CAPE HATTERAS REC AREA       TYPE-   N CAPE HATTERAS
  34 1020 01  NATIONAL PARK SERVICE                                                      7

OHIO
 AKRON
  SITE 01     FIRE STATION NO 4 821 COBURN STREET       TYPE- IRC COUNTY-SUMMIT
  36 0060 01  CITY DEPARTMENT OF HEALTH                                                 30

 CINCINNATI
  SITE 01     PUBLIC LIBRARY BUILDING 800 VINE STREET   TYPE-   C COUNTY-HAMILTON
  36 1220 01  BUR OF AIR POLL CONTROL AND HEATING INSP CITY DEPT OF SAFETY              60

 CLEVELAND
  SITE 01     CLEVELAND HEALTH MUSEUM 8911 EUCLID AVE   TYPE-   C COUNTY-CUYAHOGA
  36 1300 01  CITY DEPARTMENT OF HEALTH + WELFARE                                       50

 COLUMBUS
  SITE 01     HLTH + SAFETY CENTER 181 S WASH BLVD      TYPE-  IC COUNTY-FRANKLIN
  36 1460 01   CITY DIV OF SMOKE REGULATION + INSP DEPT OF PUBLIC SAFETY                62

 DAYTON
  SITE 01     MUNICIPAL BUILDING 101 W THIRD STREET     TYPE-   I COUNTY-MONTGOMERY
  36 1660 01  CITY BUR OF COMBUSTION CONTROL CITY DIV OF BUILDING INSPECT               88
 TOLEDO
  SITE 01     WATER DEPARTMENT GARAGE 565 N ERIE ST     TYPE-  IC COUNTY-LUCAS
  36 6600 01  DIV OF AIR AND WATER POLL CONTROL CITY DEPT OF PUBLIC SERVICE             24
 YOUNGSTOWN
  SITE 01     CITY HALL BOARDMAN + PHELPS STREETS       TYPE-  IC COUNTY-MAHONING
  36 7760 01  DIVISION OF ENGINEERING CITY DEPARTMENT OF PUBLIC WORKS                  105

OKLAHOMA
 CHEROKEE COUNTY
  SITE 01     TAHLEQUAH CITY WATER PLANT                TYPE-   N TAHLEQUAH CITY WATER PLA
  37 0480 01  CHEROKEE COUNTY HEALTH DEPARTMENT                                          4
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OKLAHOMA CITY
  SITE 01      MUNIC BLDG 200 N WALKER ST + COUCH DR      TYPE-   C COUNTY-OKLAHOMA
  37 2200 01   CITY-COUNTY HEALTH DEPARTMENT
                                                                                   77
 TULSA
  SITE 01      TULSA CITY-COUNTY HEALTH DEPARTMENT
  37 3000 01   TULSA CITY-COUNTY HEALTH DEPARTMENT        TYPE-   R COUNTY-TULSA
                                                                                   27
OREGON
 CURRY COUNTY
  SITE 01      CAPE BLANCO LIGHT STATION P O BOX N (SIXE TYPE-   N P O BOX N (SIXES)
  38 0440 01   UNITED STATES COAST GUARD
                                                                                    3
 EUGENE
  SITE 01      LANE CO COURTHOUSE 7TH AVE + OAK ST        TYPE- IRC COUNTY-LANE
  38 0560 01   STATE SANITARY AUTHORITY STATE BOARD OF HEALTH
                                                                                   50
 MEDFORD
  SITE 01      JACKSON CO CT HOUSE ANX 10 S OAKDALE ST    TYPE-  RC COUNTY-JACKSON
  38 1160 01   STATE SANITARY AUTHORITY STATE BOARD OF HEALTH
                                                                                   40
 PORTLAND
  SITE 01      STATE OFFICE BUILDING 1400 SW 5TH AVE      TYPE-   C COUNTY-MULTNOMAH
  38 1460 01   STATE SANITARY AUTHORITY STATE BOARD OF HEALTH
                                                                                  125
PENNSYLVANIA
 ALLENTOWN
  SITE 01      635 LINDEN STREET + 435 HAMILTON STREET    TYPE-   C COUNTY-LEHIGH
  39 0120 01   BI-CITY HEALTH UNIT
                                                                                   83
 ALTOONA
  SITE 01      CITY HALL 12TH STREET + 13TH AVENUE        TYPE-  RC COUNTY-BLAIR
  39 0140 01   CITY DEPARTMENT OF WATER PARKS + PUBLIC PROPERTY
                                                                                   70
 BETHLEHEM
  SITE 01      CITY HALL 53 EAST BROAD STREET
  39 0780 01   CITY BUREAU OF HEALTH                      TYPE-   C COUNTY-NORTHUMBERLAND
                                                                                   45
 CLARION COUNTY
  SITE 01      COOK FOREST STATE PARK
  39 1760 01   STATE DEPARTMENT OF FORESTS + WATERS       TYPE-   N COOK FOREST STATE PARK
                                                                                   24
 LANCASTER
  SITE 01      BUCHART OFFICE BLDG 914 COLUMBIA AVENUE    TYPE-  IC COUNTY-LANCASTER
  39 4660 01   STATE DEPARTMENT OF HEALTH
                                                                                   35
 PHILADELPHIA
  SITE 01      A P C LABORATORY 3200 FRANKFORD AVE        TYPE-   I COUNTY-PHILADELPHIA
  39 7140 01   DIV OF AIR POLL CONTROL + ENV SANITATION DEPT OF PUB HLTH
                                                                                   27
 PITTSBURGH
  SITE 01      COUNTY OFFICE BLDG FORBES AVE AT ROSS ST   TYPE-   C COUNTY-ALLEGHENY
  39 7260 01   BUREAU OF AIR POLL CONTROL ALLEGHENY COUNTY DEPT OF HEALTH
                                                                                  160
 READING
  SITE 01      CITY HALL 8TH + WASHINGTON STREETS
  39 7620 01   CITY BUREAU OF HEALTH                      TYPE- IRC COUNTY-BERKS
                                                                                   40
 WARMINSTER
  SITE 01      TREATMENT CONTROL BLDG LOG CABIN DRIVE     TYPE-   R COUNTY-BUCKS
  39 9190 01   STATE DEPARTMENT OF HEALTH
                                                                                   14
 WEST CHESTER
  SITE 01      PLANT CONTROL BLDG RT 3 + WESTTOWN WAY     TYPE-   R COUNTY-CHESTER
  39 9280 01   STATE DEPARTMENT OF HEALTH
                                                                                   10
 YORK
  SITE 01      LAUREL FIRE CO BLDG DUKE + KING STS
  39 9560 01   CITY DEPARTMENT OF HEALTH                  TYPE-   C COUNTY-YORK
                                                                                   40
PUERTO RICO
 BAYAMON
  SITE 01      FORT BUCHANAN WAREHOUSE #616
  40 0380 01   PUERTO RICO DEPARTMENT OF HEALTH           TYPE-  IS
                                                                                   25
 GUAYANILLA
  SITE 01      PUBLIC SCHOOL LUNCH ROOM BO MACANA
  40 1380 01   PUERTO RICO DEPARTMENT OF HEALTH           TYPE-   N
                                                                                    9
  PONCE
   SITE 01       LOPEZ MEMORIAL CEMENTARIO ST NO 20           TYPE-  RC
   40 1920 01  PONCE DISTRICT HOSPITAL
                                                                                         19
 RHODE ISLAND
  EAST PROVIDENCE
   SITE 01       CENTRAL JR HIGH SCHOOL TAUTON AVENUE         TYPE-  RC COUNTY-PROVIDENCE
   41 0120 01  PROVIDENCE HEALTH DEPARTMENT
                                                                                         48
  PROVIDENCE
   SITE 01       POLICE HQ BLDG FOUNT STREET AT LASALLE SQ TYPE- IRC COUNTY-PROVIDENCE
   41 0300 01  CITY DEPARTMENT OF BUILDING INSPECTION
                                                                                         45
  WASHINGTON COUNTY
   SITE 01       PINE HILL FIRE TOWER (EXETER)                TYPE-   N PINE HILL FIRE TOWER
   41 0380 01  STATE DEPARTMENT OF AGRICULTURE + CONSERVATION
                                                                                         19
 SOUTH CAROLINA
  COLUMBIA
   SITE 01       1600 ASSEMBLY STREET
   42 0760 01  SOUTH CAROLINA POLLUTION CONTROL AUTHORITY TYPE-   C COUNTY-RICHLAND
                                                                                         27
  GREENVILLE
   SITE 01       CTY CURB MARKET ELFORD+MAIN STS
   42 1180 01  SOUTH CAROLINA POLLUTION CONTROL AUTHORITY TYPE-   C COUNTY-GREENVILLE
                                                                                         20
  RICHLAND COUNTY
   SITE 01       LIVESTOCK LAB CLEMSON COLL EXPER STA        TYPE-   N CLEMSON COLL EXP STA
   42 1900 01  CLEMSON AGRICULTURE COLLEGE + U S DEPT OF AGRICULTURE
                                                                                        440
 SOUTH DAKOTA
  BLACK HILLS NAT FOR
   SITE 01       TEPEE WORK CENTER BLACK HILLS NATL FOREST TYPE-   N BLACK HILLS NATL FOREST
   43 0420 01  U S FOREST SERVICE
                                                                                          2
  SIOUX FALLS
   SITE 01       CITY HALL 424 WEST 9TH
   43 1480 01  CITY HEALTH DEPARTMENT                          TYPE- IRC COUNTY-MINNEHAHA
                                                                                         44
 TENNESSEE
  CHATTANOOGA
   SITE 01       U S POST OFFICE 9TH ST + GEORGIA AVE         TYPE-   C COUNTY-HAMILTON
   44 0380 01  BUREAU OF AIR POLLUTION CONTROL + BOILER INSPECTION
                                                                                         85
  KNOXVILLE
   SITE 01       MASONIC TEMPLE 505 LOCUST STREET             TYPE- IRC COUNTY-KNOX
   44 1740 01  DIV OF SMOKE REG + BOILER INSPECTION CITY DEPT OF PUB SAFETY
                                                                                         70
  MEMPHIS
   SITE 01       HEALTH DEPT BLDG 814 JEFFERSON STREET        TYPE-   C COUNTY-SHELBY
   44 2340 01  MEMPHIS-SHELBY COUNTY HEALTH DEPARTMENT
                                                                                         35
  NASHVILLE
   SITE 01       CITY-COUNTY BUILDING PUBLIC SQUARE           TYPE- IRC COUNTY-DAVIDSON
   44 2540 01  BUREAU OF INSPECTION + PERMITS CITY DEPT OF PUBLIC WORKS
                                                                                         90
 TEXAS
  DALLAS
   SITE 01       CITY HALL 2015 COMMERCE STREET
   45 1310 01  CITY HEALTH DEPARTMENT                          TYPE-   C COUNTY-DALLAS
                                                                                         55
  HOUSTON
   SITE 01       SAM HOUSTON COLISEUM 810 BAGBY STREET        TYPE-   C COUNTY-HARRIS
   45 2560 01  CITY HEALTH DEPARTMENT
                                                                                         50
  MATAGORDA COUNTY
   SITE 01       COLORADO RIVER LOCKS
   45 3530 01  MATAGORDA COUNTY HEALTH DEPARTMENT              TYPE-   N COLORADO RIVER LOCKS
                                                                                          4
  PASADENA
   SITE 01       ROOF OF CITY HALL 1211 E SOUTHMORE           TYPE-   C COUNTY-HARRIS
   45 4060 01  HEALTH DEPARTMENT OF PASADENA
                                                                                         15
  SAN ANTONIO
   SITE 01       CORPORATION COURT 302 S LAREDO
   45 4570 01  SAN ANTONIO METROPOLITAN HEALTH DISTRICT      TYPE-   C COUNTY-BEXAR
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UTAH
 OGDEN
  SITE 01      2570 GRANT AVENUE                       TYPE-  RC COUNTY-WEBER
  46 0680 01   WEBER COUNTY HEALTH DEPARTMENT                                                15

 SALT LAKE CITY
  SITE 01      HEALTH DEPT BLDG 610 SOUTH 2ND EAST     TYPE- IRC COUNTY-SALT LAKE
  46 0920 01   STATE DEPARTMENT OF HEALTH                                                    30

VERMONT
 BURLINGTON
  SITE 01      STATE HLTH BLDG 115 COLCHESTER AVENUE   TYPE- IRC COUNTY-CHITTENDEN
  47 0140 01   STATE DEPARTMENT OF HEALTH                                                    26

 ORANGE COUNTY
  SITE 01      VERMONT AGR + TECH NST RANDOLPH CENTER  TYPE-   N VERMONT AGR + TECH INS
  47 0360 01   STATE DEPARTMENT OF HEALTH                                                    35

VIRGINIA
 DANVILLE
  SITE 01      427 PATTON STREET                       TYPE-   I COUNTY-PITTSYLVANIA
  48 0920 01   CITY HEALTH DEPARTMENT                                                        60

 HAMPTON
  SITE 01      VA ELEC POWR CO OFF BLD PEMBROKE + G ST TYPE- IRC COUNTY-DINWIDDIE
  48 1440 01   CITY HEALTH DEPARTMENT                                                        33

 LYNCHBURG
  SITE 01      CITY HALL 917 CHURCH STREET             TYPE-   C COUNTY-CAMPBELL
  48 1940 01   CITY WATER DEPARTMENT                                                         20

 NORFOLK
  SITE 01      CITY SOCIAL SERV BLDG 235 E PLUM STREET TYPE-   C COUNTY-NORFOLK
  48 2140 01   CITY HEALTH DEPARTMENT                                                         5

 SHENANDOAH NAT PK
  SITE 01      PARK ADMINISTRATION BUILDING            TYPE-   N SHENANDOAH NAT PARK
  48 2320 01   NATIONAL PARK SERVICE                                                        100

 PORTSMOUTH
  SITE 01      ROOF OF CITY HLTH BLDG, 401 S GREEN ST  TYPE-   C COUNTY-ISLE OF WIGHT
  48 2440 01   PORTSMOUTH CITY HEALTH DEPARTMENT                                             16

 RICHMOND
  SITE 01      MOSQUE BLDG LAUREL + MAIN STREETS       TYPE-  RC COUNTY-HENRICO
  48 2660 01   CITY DIV OF AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY                  85

 ROANOKE
  SITE 01      HEALTH CENTER 515 8TH STREET S W        TYPE-  IC COUNTY-ROANOKE
  48 2700 01   CITY DEPARTMENT OF AIR POLLUTION CONTROL                                      30

WASHINGTON
 SEATTLE
  SITE 01      PUBLIC SAFETY BUILDING 604-THIRD AVENUE TYPE-   C COUNTY-KING
  49 1940 01   PUGET SOUND AIR POLLUTION CONTROL AGENCY                                      80

WEST VIRGINIA
 CHARLESTON
  SITE 01      STATE PARKING BUILDING 212 CALIFORNIA   TYPE-  RC COUNTY-KANAWHA
  50 0280 01   STATE DEPARTMENT OF HEALTH                                                    80

WISCONSIN
 DOOR COUNTY
  SITE 01      GOLF C EQPMNT BLDG PENINSULA STATE PARK TYPE-   N PENINSULA STATE PARK
  51 0780 01   STATE CONSERVATION DEPARTMENT                                                  0

 KENOSHA
  SITE 01      625-52ND STREET- VOCATIONAL SCHOOL      TYPE- IRC COUNTY-KENOSHA
  51 1540 01   CITY HEALTH DEPARTMENT                                                        38

 MADISON
  SITE 01      CITY-COUNTY BUILDING 202 MONONA AVENUE  TYPE-  IC COUNTY-DANE
  51 1860 01   CITY DEPARTMENT OF PUBLIC HEALTH                                              15

 MILWAUKEE
  SITE 01      PUBLIC LIBRARY W WELLS + N 9TH STS      TYPE-  IC COUNTY-MILWAUKEE
  51 2200 01   MILWAUKEE COUNTY DEPARTMENT OF AIR POLLUTION CONTROL                          60
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WYOMING
 CASPER
  SITE 01      CITY COUNTY BLDG CENTER + C STREETS         TYPE-   C COUNTY-NATRONA
  52 0120 01  CASPER-NATRONA COUNTY HEALTH DEPARTMENT
                                                                                   75
 CHEYENNE
  SITE 01      STATE OFFICE BLDG 23RD + CENTRAL ACENUE     TYPE-   C COUNTY-LARAMIE
  52 0140 01  STATE DEPARTMENT OF PUBLIC HEALTH
                                                                                   53
 YELLOWSTONE PARK
  SITE 01      SUPERINTENDENT MAMMOTH AREA OF PARK         TYPE-   N MAMMOTH AREA OF PARK
  52 0960 01  NATIONAL PARK SERVICE
                                                                                   11
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